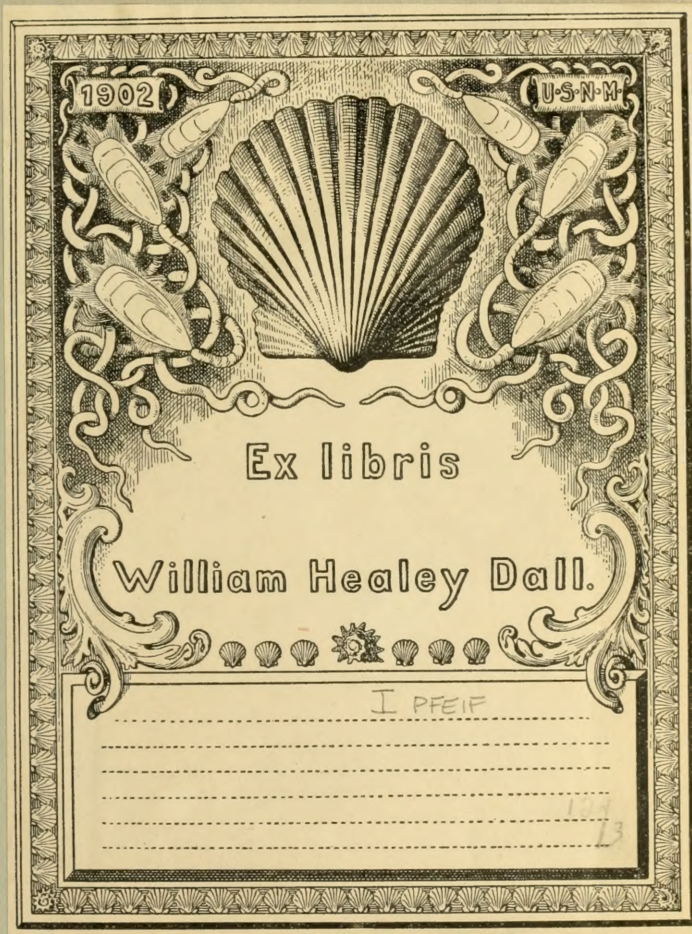

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I PFEIF

LUDOVICI PFEIFFER

MONOGRAPHIA PNEUMONOPOMORUM VIVENTIUM.

III.

MONOGRAPHIA PNEUMONOPOMORUM VIVENTIUM.

SISTENS

DESCRIPTIONES SYSTEMATICAS ET CRITICAS
OMNIUM HUJUS ORDINIS GENERUM ET SPECIERUM
HODIE COGNITARUM,

ACCEDENTE FOSSILIUM ENUMERATIONE.

SUPPLEMENTUM SECUNDUM.

AUCTORE

LUDOVICO PFEIFFER, Dr.

CASSELLANO,

CASSELLIS.

SUMPTIBUS THEODORI FISCHER.

1865.

Cassellis, typis Baier et Lewalter.

PNEUMONOPOMA.

Subordo I. Opisophthalma.

Fam. I. Aciculacea.

Pfr. Mon. Pneum. Suppl. p. 3.

I. Acicula Hartmann.

Pfr. Mon. Pneum. p. 3. Suppl. 3. — *Acme Hartm.* 1821, *Fitz.*, *Beck*, *Gray* 1850, *Thomps.*, *Phil.*, *Dupuy*, *Forb. & Hanl.*, *Moq.-Tand.* — *Acmea Hartm.* 1821, *Gray* 1847. — *Pupula Ag.*, *Hartm.* 1840, *Herrmannsen.*

Species:

1. lineata Drap. (Coll. 1. — *Acme fusca Bielz* Faun. Siebenb. p. 175. — Europa.) . . .	Pneum. II. p. 3.	1.
2. polita Hartm. (Coll. 2. — Germania, Gallia.)	- - - 4.	2.
3. ? Simoniana Charp. (Gallia. — Michaud in Journ. Conch. X. p. 377 ad Hydrobiam referendam declarat et Bourguignat in opusculo: Monogr. du nouveau genre français Moit. (conf. Journ. Conch. XII. p. 217) novum genus: *Moitessieriam* novae familiae pro eadem constituit.)	- - - 5.	3.
4. Moutoni Dupuy. (Gallia.)	- - - 4.	4.
* * *		
5. spectabilis Rossm. (Coll. 3. — Austria littoralis, Carniolia.)	- - - 4.	5.

6. Species fossilis: *Acme constellata Reuss* 1849.

Species exclusa: *Acicula striata Gray* (*Pfr.* Pneum. II. p. 4) = Truncatellae species?

II. Geomelania Pfr.

Pfr. Mon. Pneum. p. 7. Suppl. p. 5. — Omnes species insulae Jamaicae incolae.

Species:

7.	1. Jamaicensis Pfr. (Coll. 4.)		Pneum. II. p. 5.
8.	2. minor C. B. Adams. (Coll. 5.)		- - 5.
9.	3. fortis	C. B. Adams. †	- - 5.
10.	4. magna		
11.	5. procera		
12.	6. gracilis		
13.	7. typica		
14.	8. expansa		
15.	9. affinis		
16.	10. media		
17.	11. vicina		
18.	12. Hilliana		
19.	13. exilis		
20.	14. pauperata		
21.	15. conica		
22.	16. pyramidata		
23.	17. costulosa		
24.	18. striosa		
25.	19. elegans		
26.	20. inornata	Chitty. †	- - 6.
27.	21. parva		

Species exclusae:

Geom. Greyana
— *Beardsleana* } *C. B. Adams* = Truncatella sp.
— *pygmaea*
— *sinuosa Chitty* = Chittya Livesay.

III. Chittya Livesay.

„Testa imperforata, conico-cylindrica; apertura ovata, mediocriter effusa; peristoma incrassatum, acute reflexum, non productum, sinu lateris interioris prope axin munitum.“ (Ad.)

Chittia novum genus Truncatellidarum: *Livesay* in *H. & A. Adams* Gen. II. (Pt. 35. 1858.) p. 647. t. 138. f. 14.

Species unica:

1. sinuosa Chitty. † *H. & A. Adams* l. c. — 28.
Geomelania sinuosa Chitty, *Pfr.* Mon. Suppl.
— Jamaica.) . . . . Pneum. II. p. 5.

IV. Truncatella Risso.

Pfr. Mon. Auric. App. II. p. 175; Mon. Pneum. Suppl. p. 6. — *Pfr.* in Malak. Bl. IX. 1862. p. 121. — *Martens* in Malak. Bl. X. 1863. p. 176.

Conspectus specierum.

A. Montanae	§. 1.	Nr.	1— 7.
B. Littorales,			
a. laevigatae (saepe variabiles) .	§. 2.	—	8—16.
b. costulatae	§. 3.	—	17—32.
c. crassicostatae	§. 4.	—	33—39.

§. 1.

1. **Tr. elongata Poey.** 29.

T. subrimata, elongata, turrito-cylindracea, truncata, solidula, costulis confertis (circa 30), filaribus, rectis, sculpta (interstitiis costas aequantibus, non striatis), corneo-albida; sutura simplex; anfr. superst. $6^1/_2-7^1/_2$ modice convexi, ultimus basi non compressus; apertura verticalis, subelliptica; perist. simplex, continuum, vix expansiusculum. — Long. $5^2/_3-6^3/_4$, diam. $1^1/_2$ mill. Ap. $1^1/_3$ mill. longa. (Coll. Nr. 6.)

Truncatella elongata Poey in litt. 1855.
— — *Pfr.* Mon. Auric. App. p. 193.
— — *Poey* Memor. II. p. 89.
— — *Pfr.* Mon. Pneum. Suppl. p. 8 (exclus. synon.)
— — *Pfr.* in Malak. Bl. IX. 1862. p. 126.
— *lirata? Pfr.* in Malak. Bl. VI. 1859. p. 76.

Habitat in districtis Holguinensi et Guantanamensi insulae Cubae.

2. **Tr. lirata Poey.** 30.

T. subrimata, cylindraceo-turrita, truncata, solidula, confertissime filoso-costulata, interstitiis costulas (circa 40) aequan-

tibus, sub lente forti transverse striatis, carneo-albida; sutura profunda; anfr. superst. $6^1/_2$—7 convexi, ultimus basi vix subcompressus; apertura subverticalis, ovalis, superne subangulata; perist. continuum, expansiusculum, margine dextro simplice, sinistro incrassato, subduplicato. — Long. 5—$5^1/_2$, diam. $1^1/_4$ mill. Ap. 1 mill. longa. (Coll. Nr. 7.)

Truncatella elongata Poey Memor. II. p. 25. t. 2. f. 23. 24. (rud.)
— *lirata Poey* Memor. II. p. 25. 89.
— — *Pfr.* Mon. Pneum. Suppl. p. 8.
— — *Pfr.* in Malak. Bl. IX. 1862. p. 127.

Habitat in insula Cuba: prope Jíbara (Poey), Barajagua, (Wright).

31. 3. **Tr. filicosta Gundlach.**

T. imperforata, cylindrico-subulata, truncata, solidula, pallide cornea, costulis filaribus, rectis, subconfertis (circa 36) sculpta, interstitiis latioribus, sub lente transverse striatis; spira juniorum elongata, gracilis, apice obtusula; anfr. (adult.) superst. 6—7, modice convexi, ultimus basi rotundatus; apertura subverticalis, late angulato-ovalis; perist. subincrassatum, nitidum, margine dextro arcuato, expanso et reflexiusculo, sinistro strictiore, adnato. — Long. 7, diam. $1^3/_4$ mill. Ap. $1^1/_3$ mill. longa. (Coll. Nr. 8.)

Truncatella filicosta »*Gundl.*«, *Poey* Memor. II. p. 90.
— — *Pfr.* in Malak. Bl. VII. 1860. p. 32; IX. 1862. p. 127.

Habitat in insula Cuba. Prope Baracoa legit Gundlach.

32. 4. **Tr. Wrighti Pfr.**

T. leviter rimata, cylindraceo-turrita, truncata, tenuiuscula, diaphana, albida, costulis compressis, chordaeformibus, subremotis (in anfr. ultimo circa 18) sculpta, interstitiis multo latioribus, laevigatis; anfr. superst. 7 convexi, ultimus basi non compressus; apertura verticalis, subregulariter ovalis, superne subangulata; perist. continuum, callosum, margine dextro expanso, sinistro subadnato. — Long. $6^1/_2$, diam. $1^1/_2$ mill. Ap. $1^1/_3$ mill. longa. (Coll. Nr. 9.)

Truncatella Wrighti Pfr. in Malak. Bl. IX. 1862. p. 127.

Habitat in insula Cuba. Prope Yateras districti Guantanamensis legit Wright.

Obs. Species sculptura insigni ab omnibus discrepans.

5. Greyana C. B. Adams. (Coll. 10. — *Geomelania Greyana C. B. Ad.* cat. Jam. Apr. 1851. 33.
— *Cylindrella Greyana Ad., Pfr.* Mon. Helic. III. p. 575. — Jamaica.) . . . . Helic. IV. p. 706.

6. Beardsleana C. B. Adams. † (*Cylindrella Beardsleana Ad.* Contr. Nr. 2. p. 19. — 34.
Geomelania Beardsleana Ad. Contr. 6. p. 89, *Pfr.* Pneum. p. 12. — Jamaica.) . . . . Pneum. II. p. 5.

7. pygmaea C. B. Adams. (Coll. 11. — *Cylindrella* 35.
pygmaea Ad., Pfr. Mon. Helic. II. p. 386. — *Geomelania pygmaea Ad., Pfr.* Mon. Pneum. p. 12. — Jamaica.) . . . . , ... - - - 5.

§. 2.

8. marginata Küst. (Coll. 12. — Borneo.) . . . Auric. p. 186. 36.

9. Ceylanica Pfr. (Coll. 13 — Ceylon.) . . . . - - 186. 37.

10. subcylindrica Gray (Coll. 14. — *Binney* Terr. 38.
Moll. IV. p. 186. t. 75. f. 5. 6. 8. — India occidentalis, Florida.) . . . . - - 186.

11. Californica Pfr. (Coll. 15. — *Binney* Terr. Moll. 39.
IV. p. 28. t. 79. f. 20. 22. — California.) . . . Pneum. II p. 7.

12. truncatula Drap. (Coll. 16. — Europa meridionalis.) - - - 7. 40.

13. Lowei Shuttl. † (Teneriffa.) . . . . - - - 7. 41.

14. Montagui Lowe. (Coll. 17. — Britannia, Istria, 42.
Sicilia.) . . . . - - - 8.

15. **Tr. pellucida Dohrn.** 43.

„T. subrimata, cylindracea, tenuis, laevigata, nitida, alba vel hyalina; sutura valde impressa; anfr. 4—5 convexiusculi, ultimus rotundatus; apertura subverticalis, oblongo-ovalis, superne angulata; peristomium undique expansiusculum, latere columellari subincrassatum. — Long. 5, diam. $1\frac{1}{2}$ mill.; apert. $1\frac{1}{4}$ mill. longa.“ (D. Coll. Nr. 18).

Truncatella pellucida Dohrn in Malak. Bl. VI. 1859. p. 203.

Habitat in Arabia (Wilke).

Obs. „Proxime affinis *Tr. Montagui*, a qua differt sutura fortiter impressa, anfractibus convexioribus, angulo aperturae supero et dilatatione peristomii.

*

16. pulchella Pfr. (Coll. 19. — *Binney* Terr. Moll. IV. p. 189. t. 75. f. 1. 9. 10. — *Pfr.* in Malak. 44.
Bl. IX. 1862. p. 129. — Cuba, Florida.) . . . Auric. p. 192.

§. 3.

17. ? striata Quoy. † *Cyclostoma striata Quoy.*
— *Truncatella Quoyi Pfr.* — *Acicula striata* 45.
Gray, *Pfr.* Pneum. p. 6. Suppl. — Vanikoro. Pneum. II. p. 4.

46. 18. valida Pfr. (Coll. 20. — Ins. Philippin., Nova Caledonia, peninsula Malaccana.) . . . . Auric. p. 184.
47. 19. Vitiana Gould. (Coll. 21. — *Gould* Otia conch. p. 40. — *Tr. conspicua Bronn.* — Ins. Feejee et Philippin.) . . . . Pneum. II. p. 6.

48. 20. **Tr. Pfeifferi Martens.** †

„T. rimata, breviter subcylindracea, sursum leviter attenuata, solidula, costulis subrectis, interstitia aequantibus, in anfractu ultimo evanescentibus sculpta, flava; sutura crenulata; anfr. superst. $4^1/_2$, convexiusculi, ultimus basi rotundatus, breviter descendens; apertura verticalis, ovalis, basi non effusa; perist. continuum, rectum, obtusum. — Long. 6, diam. 3, long. apert. 2 mill.“ (v. M.)

Truncatella Pfeifferi Martens in Malak. Bl. VII. 1860. p. 43.

Habitat in Japonia.

Obs. „Multo latior quam *Tr. truncatula*, similior *Tr. conspicuae*, sed basi non compressa.“

*

49. 21. Guerini Villa. (Coll. 22. — Ins. Maurit.) . . . Auric. p. 184.
50. 22. aurantia Gould. † (Otia conchol. p. 39. — Borneo.) . . . . Pneum. II. p. 6.
51. 23. Caribaeensis Sow. (Coll. 23. — *Binney* Terr. Moll. IV. p. 185. t. 75. f. 2. 4. — India occident., Florida, Mexico.) . . . . - - - 7.

52. 24. **Tr. semicostata Montrouzier.** †

„T. subrimata, cylindraceo-attenuata, nitida, solidula, translucida, corneo-subflavidula vel rubella, costulis subobliquis, regularibus, interstitia subaequantibus, subito interruptis, prope labrum continuis sculpta; sutura depressa, submarginata, costulis crenulata; anfr. superst. $4-4^1/_2$ modice convexi; ultimus longior, subascendens, postea subito et brevissime descendens, basi subcompressus, crista obtusa munitus; apert. verticalis, angulato-ovalis; perist. simplex, continuum, margine dextro reflexiusculo, antice subeffuso, sinistro subexpanso, appresso. — Long. $6^1/_2$, lat. $2^1/_2$ mill. Apert. $1^1/_2$ mill. longa, 1 lata.“ (M.)

Truncatella semicostata Montrouz. in Journ. Conch. X. 1862. p. 243. t. 9. f. 10.

Habitat in Nova Caledonia et in insula Art.

25. **Tr. labiosa Souverbie.** † 53.

„T. subrimata, cylindraceo-subattenuata, solidula, parum nitidula, subopaca, basi subtranslucida, subcarneolo-flavidula, costis rectis, obtusis ad suturam subattenuatis, interstitia non aequantibus sculpta; sutura depressa; anfr. superst. 4—4$^1/_2$ modice convexi, regulariter accrescentes, ultimus basi breviter compresso-carinatus; carina pallidior, costis plicata, pone labrum in cristam laevigatam, superne subauriculatam continuans; apertura verticalis, angulato-ovalis; perist. simplex, continuum, prominulum, non adnatum, undique reflexiusculum. — Long. 5, lat. 1$^1/_2$ mill. Apert. 1 mill. longa, $^2/_3$ lata.“ (S.)

Truncatella labiosa Souv. in Journ. Conch. X. 1862. p. 242. t. 9. f. 9.

Habitat in insula Art Archipelagi Caledonici.

*

26. porrecta Gould. (Coll. 24. — *Gould* Otia conch. p. 40. — Taheiti.) . . . . Pneum. II. p. 7. 54.
27. Bairdiana C. B. Adams. (Coll. 25. — Panama.) Auric. p. 187. 55.
28. teres Pfr. (Coll. 26. — Ins. Maurit., Australia.) . - - 188. 56.
29. scalariformis Reeve. (Coll. 27. — Ins. Annaa.) - - 191. 57.
30. Barbadensis Pfr. (Coll. 28. — Barbados.) . . . - - 192. 58.
31. bilabiata Pfr. (Coll. 29. — *Binney* Terr. Moll. IV. p. 188. t. 75. f. 3. 7. — *Pfr.* in Malak. Bl. IX. 1862. p. 129. — Cuba, Mexico, Florida.) . . . - - 192. 59.
32. modesta C. B. Adams. † (Jamaica.) . . . . . . - - 193. 60.

§. 4.

33. Adamsi Pfr. (*Tr. scalariformis Ad.* — Jamaica.) - - 194. 61.
34. scalaris Mich. (Coll. 30. — *Pfr.* in Malak. Bl. IX. 1862. p. 129. — *Tr. costata Pfr.* — *Tr. Cumingii Ad.* — Cuba, Jamaica.) . . . . . - - 194. 62.

35. **Tr. scalaroides Martens.** † 63.

„Testa rimata, solidula, costis compressis, paulum flexuosis, distantibus sculpta; anfractus superstites 4, ultimus in cristam compressus. — Long. 6, diam. 2$^1/_2$ mill.“ (v. M.)

Truncatella scalaroides Mart. in Monatsber. Berl. Ak. 25. Febr. 1864.

Habitat in insula Amboina.

Obs. „Ab affinibus *Tr. scalariformi Reeve* et *scalari Mich.* crista anfractus ultimi distinguitur.“

64. 36. **Tr. capillacea Gundlach.**

T. imperforata, subulata, truncata, solidula, pallide succinea, costulis validiusculis subdistantibus, interdum minoribus vel fere evanescentibus sculpta; anfr. superst. $3^1/_2$ convexiusculi, lente accrescentes, ultimus basi subcompressus, antice callosus; apertura parvula, verticalis, angulato-subsemiovalis; perist. continuum, incrassatum, margine dextro duplicato, sinistro adnato. — Long. $3^1/_2$, diam. $1^1/_3$ mill. Ap. oblique $1^1/_5$ mill. longa. (Coll. Nr. 31).

Truncatella capillacea Gundl. in litt. (Malak. Bl. 1859. p. 77.)
— — *Pfr.* in Malak. Bl. IX. 1862. p. 128.

Habitat in insula Cuba. In loco Caimanera dicto portus Guantanamensis legit amicus Gundlach.

Obs. Species pervariabilis, inter *Tr. scalarem* et *subcylindricam* quasi intermedia.

*

65. 37. rostrata Gould. † (Otia conchol. p. 40. — Rio Janeiro.) . . . . Pneum. II. p. 8.
66. 38. clathrus Lowe. (Portorico, St. Thomas.) . . . Auric. p. 195.

Species ambigua:

67. 39. ? striatula Menke. (Coll. 32. — Nov. Holland.) - - 196.
Conf. genus *Cecina A. Adams* inter Ectophthalma.

Fam. II. Diplommatinacea.

Pfr. Mon. Pneum. Suppl. p. 9.

V. Diplommatina Benson.

Pfr. Mon. Pneum. p. 121. Suppl. p. 9, excluso §. 1. Suadente amico *Dohrn Cyclostoma minus Sow.*, nonnullasque species Blanfordianas nuperius descriptas sub nomine generico: *Arinia* ad subfamiliam Pupineorum remisimus, ubi comparanda. — Conf. *W. T. Blanford* in Ann. and Mag. nat. hist. Jun. 1864.

Species:

A. Normales,
a. dextrorsae . . . . §. 1. Nr. 1—10.
b. sinistrorsae . . . . §. 2. — 11—17.
B. Constrictae (sect. *Diancta Mart.*) §. 3. — 18.

§. 1.

1. folliculus Pfr. (Coll. 33. — India.) . . . . Pneum. II. p. 10. 68.

2. **D. Pullula Benson.** † 69.

„T. imperforata, ovato-turrita, oblique confertim costulata, fulvescenti-albida, versus apicem rubella, spira subturrita, sutura impressa, apice obtusiusculo; anfr. 6—7 convexis, antepenultimo tumidiore, ultimo antice valde ascendente, costulis remotioribus irregularibus; apertura subverticali, vix superne spectante, oblique obovali, perist. duplici, interno porrecto expansiusculo, externo subreflexo, marginibus callo appresso expanso junctis, columellari verticali planato intus acute unidentato basi angulato-rotundato, dextrali valde arcuato. — Long. 3, diam. $1^1/_4$ mill." (B.)

Diplommatina Pullula Bens. in Ann. and Mag. nat. hist. 3d. ser. III. Mart. 1859. p. 182.

Habitat in valle Rungun, ad latus occidentale, provinciae Darjiling (Blanford).

*

3. costulata Hutt. (Coll. 34. — India.) . . . . Pneum. II. p. 10. 70.
4. diplocheilus Bens. (India.) . . . . - - - 10. 71.
5. pachycheilus Bens. (India.) . . . . - - - 10. 72.

6. **D. Blanfordiana Benson.** † 73.

„T. dextrorsa, foveato-rimata, ovato-acuminata, confertim arcuato-costulata, albida, spira ovato-pyramidata, superne attenuata, apice acutiusculo, sutura impressa; anfr. $7^1/_2$ convexis antepenultimo majusculo tumido, ultimo antice ascendente; apertura subverticali, late auriculari, plica columellari valida nutante munita, peristomate expanso, extus varice retrorelicta remotiuscula valida aucto, infra ad sinistram subangulato, marginibus callo parietali crasso expanso appresso junctis, columellari leviter sinuato. — Long. $4^1/_2$, diam. $2^1/_3$ mill." (B.)

Diplommatina Blanfordiana Bens. in Ann. and Mag. nat. hist. Jun. 1860.

Habitat prope Darjiling (Blanford.)

*

74. 7. polypleuris Bens. † (India.) . . . . . Pneum. II. p. 11.
75. 8. minor A. Adams. (Coll. 35. — Habitat?) . - - - 11.

76. 9. **D. sperata Blanford.** †

„T. dextrorsa, non rimata, ovato-conica, subfusiformis, solidiuscula, pallide cornea, subremote verticaliter costulata. Spira conica, apice acuta, sutura impressa. Anfr. $6^1/_2$ convexi; antepenultimus major, tumidus; ultimus antice vix ascendens. Apertura verticalis, subtus antice sinuata, late auricularis, plica columellari valida munita; perist. subduplex, expansum, margine columellari sinuato et ad basin angulo acuto desinente, callo parietali mediocri. — Long. $2^1/_3$, diam. $1^1/_3$, apert. diam. $^1/_2$ mill.“ (Bl.)

Diplommatina sperata W. T. Blanf. Contrib. to Ind. Malac. III. 1862. p. 9.

Habitat in montibus Arakan a Pegu secernentibus.

77. 10. **D. exilis Blanford.**

T. subperforata, fusiformi-turrita, tenuis, minutissime striatula, albida; spira elongata, turrita, apice acutiuscula; anfr. 8 convexi, penultimus inflatus, ultimus angustior, antice ascendens, costulato-striatus; apertura verticalis, subtruncato-rotundata; columella leviter dentata; perist. subduplicato-expansum, latere sinistro subproductum. — Long. 3, diam. 1 mill. Apert. diam. $^1/_2$ mill. (Coll. Nr. 36.)

Diplommatina exilis Blanf. mss.? (an in Journ. As. soc. Calc.?)

Habitat in Birmania. Sub nomine laudato communicavit amicus H. Dohrn.

§. 2.

78. 11. Macgillivrayi Pfr. (Coll. 37. — Ins. Oceani austr.) . . . . Pneum. II. p. 11.
79. 12. capillacea Pfr. (Coll. 38. — Ins. Oceani austr.) - - - 12.

§. 3

18. **D. constricta Martens.** † 85.

„Testa sinistrorsa, ovata, costulis distantibus debilibus parum obliquis sculpta, grisea; anfr. 7, convexi, superiores 4 regulariter accrescentes, antepenultimus inflatus, penultimus aliquanto angustior, in dorso strictura callosa circumscripta insignis, ultimus praecipiter descendens, rotundatus, amplitudine inter antepenultimum et penultimum intermedius, haud ascendens; apertura fere verticalis, circularis; peristoma duplex, externum late reflexum, interruptum. — Long. 5, diam. anfr. antepenultimi $2^1/_2$; apertura incluso peristomate 3, excluso $1^1/_3$ mill." (v. M.)

Diplommatina constricta Mart. in Monatsber. Berl. Ak. 25. Febr. 1864.

Habitat in insula Ternate Moluccarum.

Obs. „Ob coarctationem anfractuum 2 ultimorum et constrictionem localem antepenultimi propriam sectionem formare potest, quae *Diancta* vocetur."

Species mihi incognita.

Diplommatina Pappensis W. Blanf. ex Ava, in Ann. and Mag. nat. hist. Jun. 1864 commemorata. 86.

VI. ? Clostophis Benson.

„Testa sub-biconica; anfractus penultimus maximus, ultimus descendens, solutus, subaxialis, minor; apertura integra specie adhuc cognita), dentata." (B.)

Clostophis *) novum genus Cyclostomaceorum? *Bens.* in Ann. and Mag. nat. hist. 3d. ser. V. (Febr. 1860.) p. 95.

Genus singulare, deficiente animalis et operculi (si adest) cognitione incertum, ob anfractum ultimum solutum descen-

---

*) κλωστός, glomeratus; ὄφις, serpens.

dentem et aperturam integram subcircularem ab Auctore Cyclostomaceis, a *W. T. Blanford* (Ann. and Mag. nat. hist. Jun. 1864) Diplommatininis adscriptum.

Species unica.

87. 1. **Cl. Sankeyi Benson.** †

„T. late umbilicata, sub-biconica, laevi, spira turrito-conica, lateribus cavis, apice obtuso, sutura profunda; anfr. 5, primis angustis convexiusculis, penultimo multo majori cylindrico, ultimo antice rapide descendente, soluto, tubuliformi, quoad peripheriam antepenultimi minore; apertura integra, subaxiali, subumbilicali, valde obliqua, subcirculari, intus superne dente 1 submarginali loco quasi parietali munita, perist. tenui, expanso. — Diam. maj. $1^1/_2$, alt. $1^3/_4$ mill.“ (B.)

Clostophis Sankeyi Bens. l. c. p. 95.

Habitat prope Moulmein, ad cavernas „Farm Caves“ dictas (Sankey).

VII. ? Paxillus H. & A. Adams.

Pfr. Mon. Pneum. II. p. 14.

Species:

88. 1. adversus H. & A. Ad. (Coll. 41. — Sincapore). Pneum. II. p. 14.

89. 2. **P. lyratus Gould.** †

„T. parva, pupaeformis, gibbosa, flavido-virens, apice laevi, alibi laminis erectis longitudinalibus lyrata; anfr. 7 ventricosis, penultimo ampliore; sutura profunda. Apertura subcircularis, antice acuta, ventre callo copioso formato; labro duplici, lateraliter viso flexuoso. — Axis 3, diam. 1. 5 mill.“ (G.)

Paxillus lyratus Gould in Proc. Bost. Soc. VII. Oct. 1859. p. 138; Otia conch. p. 110.

Habitat in insulis Loo Choo (W. Stimpson).

3. P. tantillus Gould. † 90.

„T. minuta, cornea, pupaeformis, inornata: anfr. 6 ventricosis. Apertura circularis, labio semicirculari, incrassato, ventre callo expanso copioso induto; canali antico obliquo curto. — Axis 1. 25, diam. o. 75 mill." (G.)

Paxillus tantillus Gould in Proc. Bost. Soc. VII. Oct. 1859. p. 138: Otia conch. p. 110.

Habitat Hong Kong (W. Stimpson).

4. P. rubicundus Martens. † 91.

„Testa sinistrorsa, ovato-conica, imperforata, nitidula, aurantio-rubescens, apice rubra; spira conica, acuta; anfr. 8 paululum convexi, ultimus penultimo paulo angustior, rotundatus, ad aperturam valde ascendens; apertura parum obliqua, quadrangulo-circularis; perist. duplex, externum reflexum, internum porrectum et item reflexum, margine columellari extrorsum emarginato, plica columellari conspicua, intrante. — Long. $7^1/_2$, diam. 4, apert. incluso peristomate $2^2/_3$, excluso $1^2/_3$ mill." (v. M.)

Paxillus rubicundus Mart. in Monatsber. Berl. Ak. 25 Febr. 1864.

Habitat in parte occidentali insulae Borneo.

Obs. Bourguignat (Rev. et Mag. Zool. 1857. p. 563) *Balceam peregrinam Gouldi* huic generi affinitatis dubiae adnumerandam censet.

Subordo II. Ectophthalma.

Familia I. Cyclostomacea.

Subfam. I. Cyclotea.

Pfr. Mon. Pneum. Suppl. p. 14. — W. T. Blanford (Ann. and Mag. nat. hist. Jun. 1864) pleraque genera Cyclophorinis, Alycaeumque subfamiliae Alycacinarum adscribit.

I. Cyclotus Guilding.

Pfr. Mon. Pneum. p. 16. Suppl. p. 14. — W. T. Blanford in Ann. and Mag. nat. hist. Jun. 1864: genus Cyclophorinarum, disjuncta Cyclotopside restrictum.

Conspectus specierum.

A. Normales.
 I. Perist. simplice,
  a. recto.
   α. Striati . . . . §. 1. Nr. 1— 20.
   β. Granulati et punctati . . §. 2. - 21— 25.
   γ. Rugosi . . . . §. 3. - 26— 56.
   δ. Oblique plicati . . . . §. 4. - 57— 60.
   ε. Spiraliter sculpti . . . §. 5. - 61— 73.
  b. expanso.
   α. Subturbinati . . . . . . §. 6. - 74— 77.
   β. Planorboidei
    1. laevigati v. striati . . §. 7. - 78— 79.
    2. spiraliter lirati . . . §. 8. - 80— 84.
 II. Peristomate duplicato . . . §. 9. - 85—103.
B. Pterocycloidei . . . . §. 10. - 104—111.

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§. 1.

92. 1. giganteus Gray. (Coll. 1. — *Reeve* t. 1. f. 3. — Columbia.) . . . . Peunm. II. p. 15.

93. 2. irregularis Pfr. (Coll. 2. juv. — *Reeve* t. 4. f. 18. — Costarica.) . . . . - - - 15.

94. 3. Quitensis Pfr. (Coll. 3. — *Reeve* t. 3. f. 14. — Quito, Nova Granada.) . . . . - - - 15.

95. 4. Dunkeri Pfr. (Coll. 4. — *Reeve* t. 2. f. 9. — Riobamba reipublicae Aequatoris.) . . . . . - - - 16.

96. 5. Inca Orb. (Coll. 5. — *Reeve* t. 2. f. 10. Var. *C. Blanchetianus* t. 7. f. 37. — Brasilia, Bolivia.) . . . . - - - 16.

97. 6. translucidus Sow. (Coll. 6. — *Reeve* t. 6. f. 30. — Columbia.) . . . . - - - 16.

98. 7. spurcus Grat. (*Reeve* t. 7 f. 38. — Malabar. — *W. T. Blanf.* [in Ann. and Mag. nat. hist. Jun. 1864] generi Cyclotopsidi ascribendum censet.) . . . . - - - 16.

99. 8. Popayanus Lea. (Coll. 7. — *Reeve* t. 5. f. 24. — Nov. Granada.) . . . . - - - 16.

100. 9. crassus C. B. Ad. (Coll. 8. — *Reeve* t. 3. f. 15. Var. t. 5. f. 26. — Jamaica.) . . . . - - - 16.

10. **C. novus-saltus Chitty.** † 101.

T. depresso-conica, fusca, striis incrementi regularibus confertiusculis undique sculpta, unde subsericea; spira modice elevata; anfr. $5^1/_3$ rotundati; apertura circularis, non expansa; perist. simplex; umbilici diam. max. 0, 32 poll.; carina umbilicalis obsoleta, vix conspicua. — Operc. simile operculo *C. Jamaicensis*. — Alt. 0, 76, lat. maxima 0, 97, minima 0,77 poll. (Ch.) *)

Cyclotus novus-saltus Chitty in Proc. Zool. Soc. 1857. p. 154.

Habitat „New Forest" insulae Jamaicae.

Obs. Forma et sculptura praecedenti peraffinis videtur.

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11. prominulus Fér. (Coll. 9. — *Reeve* t. 6. f. 28. — Brasilia.) . . . . Pneum. II. p. 17. 102.

12. suturalis Sow. (Coll. 10. — *Reeve* t. 8. f. 40. — Jamaica.) . . . . - - - 17. 103.

13. **C. ptychoraphe Martens.** † 104.

„Testa depressa, sat late umbilicata, nitida, flavescens, unicolor; spira prominula, obtusa; anfr. 4 convexiusculi, sutura profunda, regione suturali planata, opace albida, radiatim plicatula; apertura parum obliqua; peristoma rectum, incrassatum, obtusum. — Diam. maj. 12, min. 9, alt. $5^1/_2$, apert. 5 mill." (v. M.)

Cyclotus ptychoraphe Mart. in Monatsber. Berl. Ak. 25. Febr. 1864.

Habitat in parte occidentali insulae Borneo.

Obs. „Affinis *C. suturali Sow.* et *opalino Mouss.*

14. **C. illotus Gould.** 105.

„T. planorboidea, rudis, rubiginosa, subtus late et profunde umbilicata; anfr. 4 rotundatis, sutura simplici, impressa. Apertura circularis, anfractum proximum haud amplectens; labro simplici. — Diam. 3, axis 1 poll." (Sic! Mensura evidenter erronea. — Coll. Nr. 11**)?)

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*) Quoad descriptiones Chittyanas monendum est: comparentur descriptiones originariae lingua anglica conscriptae, verbis brevibus et forsan saepius insufficientibus latine a me excerptae.

**) T. late umbilicata, depressa, ruditer striata, opaca, fusculo-albida; spira parum elevata vertice subtili; sutura simplex, impressa; anfr. 4 con-

Cyclotus illotus Gould in Proc. Bost. Soc. VI. Febr. 1859. p. 425; Otia conch. p. 104.
— — *Reeve* Conch. ic. sp. 47. t. 8.

Habitat Loo Choo (W. Stimpson).

Obs. „Persimilis *C. suturali Sow.*, sed minor et sutura simplice."

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106. 15. dubiosus C. B. Adams. † (*Reeve* t. 8. f. 41. — Cf. *Chitty* in Proc. Zool. Soc. 1857. p. 149. — Jamaica.) . . . . Pneum. II. p. 17.

107. 16. **C. minimus Gundlach.**

T. late umbilicata, depressissima, planorbiformis, vix striatula, albida; spira subimmersa; anfr. $3\frac{1}{2}$ convexiusculi, rapide accrescentes, ultimus non descendens; apertura subverticalis, circularis; perist. simplex, rectum, anfractui contiguo breviter adnatum. — Operc. indistincte spiratum. — Diam. maj. 5, min. 4, alt. $1\frac{1}{2}$ mill. (Coll. Nr. 12.)

Cyclotus minimus Gundl. in litt.
— ? — *Pfr.* in Malak. Bl. VI. 1859. p. 68; VII. 1860. p. 26.

Habitat in regionibus orientalibus insulae Cubae, Monte Toro, Yarayaba, et in monte Yunque.

Obs. Operculum persingulare, quare genus dubium. Testae animalium vivorum nigro-incrustatae et carinis 2 parallelis e luto nigro formatis munitae esse solent.

* * *

108. 17. **C. plicosus Martens.** †

„Testa parvula, depressa, late umbilicata, fusca, epidermide in plicas aperturae parallelas, distantes, (20 in dimidio anfractu ultimo) elevata; apex mamilliformiter elatus, laevis, nitidus; anfr. $3\frac{1}{2}$, sutura profunda discreti, ultimus teres, mediocriter descendens; apertura circularis, parum obliqua; peristoma continuum, rectum, obtusum, ab anfractu ultimo undique solutum. Operculum calcareum, circulare, multispirum, fuscum, haud immersum. — Diam. maj. 9 millim., min. 6, alt. 5; apert. long. et latit. $3\frac{1}{2}$." (v. M.)

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vexi, rapide accrescentes, ultimus subteres, antice subsolutus; apertura parum obliqua, subcircularis; perist. simplex, rectum. — Operc. calcareum, extus concaviusculum, angustissime spiratum. — Diam. maj. $14^3/_4$, min. 12, alt. $7\frac{1}{2}$ mill. Apert. diam. 5 mill. — Habitat?

Cyclotus plicosus Mart. in Malak. Bl. X. 1863. p. 85.

Habitat in insula Halmahera. „Prope Dodinga specimen unicum accepi integrum, dein complura mortua in sylvis collinis inveni“. (M.)

18. **C. parvulus Martens.** † 109.

„Testa conoideo-depressa, late umbilicata, striatula, marmorata; apex mamilliformiter elatus; anfr. 4 convexi, sutura profunda discreti, ultimus valde descendens; apertura circularis, parum obliqua; peristoma rectum, obtusum, continuum, undique ab anfractu penultimo solutum. — Operculum? — Diam. maj. 8, min. $6^1/_2$, alt. 5; apert. long. et lat. 3 millim.“ (v. M.)

Cyclotus ? parvulus Mart. in Malak. Bl. X. 1863. p. 85.

Habitat in insulis Ternate et Tidore.

Obs. „Plurimis notis cum praecedente convenit, at forma magis elata, conoidea speciminibus collatis statim distinguitur. Solum statu mortuo mihi notus.“

19. **C. reticulatus Martens.** † 110.

„Testa turbinato-depressa, modice umbilicata, laeviuscula, albida fuscoreticulata, apice rufoviolacea; anfr. $4^1/_2$—5, depresse-teretes; apertura parum obliqua; peristoma rectum, obtusum, album, supra distincte duplicatum, internum continuum, externum interruptum. — Diam. maj. 15, min. 12, alt 9, apert. $6^1/_2$ millim.“ (v. M.)

Cyclotus reticulatus Mart. in Monatsber. Berl. Ak. 25. Febr. 1864.

Habitat in insulis Timor, Flores, Adenare et Solor. (Moluccis.)

20. **C. succinctus Martens.** † 111.

„Testa turbinata, modice umbilicata, laeviuscula, cornea, fuscofulminata, apice fusca; spira subgradata; anfr. $4^1/_2$—5, cingulo elevato lato peripherico muniti; apertura fere perpendicularis, superne obsolete angulata; peristoma rectum, continuum, paulisper adnatum. — Diam. maj. 11—13, min. 10—11, alt. 9—11, apert. 5—6 mill.“ (v. M.)

Cyclotus succinctus Mart. in Monatsber. Berl. Ak. 25 Febr. 1864.

Habitat in insula Timor.

§. 2.

112. 21. cingulatus Sow. (*Reeve* t. 3. f. 13. — Nova Granada.) . . . . Pneum. II. p. 17.

113. 22. **C granulatus Pfr.**

T. umbilicata, conoideo-depressa, solida, undique dense et subruditer granulata, opaca, albida, epidermide ad peripheriam latissime castaneo-fasciata vestita; spira parum elevata, vertice subtili; anfr. $4^1/_2$, convexi, celeriter accrescentes, ultimus rotundatus, circa umbilicum mediocrem non cristatus; apertura fere verticalis, subcircularis; perist. simplex, rectum, obtusum, continuum, anfractui contiguo breviter adnatum. — Operc planum, marginibus anfractuum haud prominulis. — Diam. maj. 25, min. 20, alt. 14 mill. Apert. diam. 13 mill. (Mus. Cuming.)

Cyclotus granulatus Pfr. in Proc. Zool. Soc. 1862. p. 275.
— — *Reeve* Conch. ic. sp. 1. t. 1.

Habitat in republica Aequatoris.

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114. 23. Bogotensis Pfr. (Coll. 13. — *Reeve* t. 4. f. 20. — Nova Granada.) . . . . Pneum. II. p. 17.
115. 24. asperulus Sow. (Coll. 14. — *Reeve* t. 6. f. 33. — Jamaica.) . . . . - - - 18.
116. 25. Granadensis Shuttl. † (Insula Granada.) . - - - 18.

§. 3.

117. 26. laxatus Sow. (Coll. 15. — *Reeve* t. 1. f. 4. — Columbia.) . . . . - - - 18.
118. 27. Jamaicensis Chemn. (Coll. 16. — *Reeve* t. 1. f. 5. — Jamaica.) . . . . - - - 18.

Obs. Inter formas simili operculo praeditas Cl. Chitty praeter *C. crassum Ad.* sequentes species (?) distinxit:

119. 28. **C. dentistigmatus Chitty.** †

T. depresso- conica, saturate olivaceo-fusca, vivide rufa in apice et apertura; striae incrementi rudes usque ad $^3/_4$ anfractus penultimi, ubi in corrugationem rudem abeunt; infra peripheriam laevigata, incisuris circa 14 dentiformibus excentricis ad carinam umbilicalem ascendentibus munita; spira elevata, quasi mammaeformis; anfr. $5^1/_4$, ultimus permagnus et ven-

trosus; apertura obliqua, latere dextro dilatata; perist. superne fortiter sinuatum; umbilicus amplus, infundibuliformis; carina umbilicalis valde prominens. — Alt. 0, 9, diam. maj. 1, 13, min. 0, 9 poll. (Ch.)

Cyclotus dentistigmatus Chitty in Proc. Zool. Soc. 1857. p. 154.

Habitat „Yallahs Hill, Portland" insulae Jamaicae.

29. **C. inutilis Chitty.** † 120.

T. perdepresso-conica, laete fusca, apice rufa; striae incrementi subtiles in anfr. primis $3^1/_4$, caeterum corrugatio rudis praeter partem anticam anfr. ultimi, ubi striae incrementi fortes et fossulae leves; spira convexa, perdepressa; anfr. 4 rotundati; apertura obliqua, superne dilatata et latere dextro valde expansa; perist. solutum, superne leviter sinuatum; umbilicus amplus, diam. max. 0, 14 poll.; carina umbilicalis in umbilico bene limitata. — Alt. 0, 31, lat. max. 0, 46, min. 0, 35 poll. (Ch.)

Cyclotus inutilis Chitty in Proc. Zool. Soc. 1857. p. 155.

Habitat in insula Jamaica.

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30. corrugatus Sow. (Coll. 17. — *Reeve* t. 3. f. 11. — Jamaica.) . . . . Pneum. II. p. 18. 121.

Obs. Conf. Chitty in Proc. Zool. Soc. 1857. p. 146. (Species restricta.) Simili operculo munitae describuntur a Cl. Chitty species sequentes:

31. **C. Portlandensis Chitty.** † 122.

T. depresso-turbinata, sub epidermide saturate umbrina caerulescenti-alba, apice interdum sanguinea; anfr. $5^1/_3$, priores $3^1/_2$ rudes, tum striae incrementi abeunt in rugas profundas verticales; anfr. ultimus peripheria et ad aperturam laevigatus, superne depressus, intra carinam umbilicalem minute striatus, leviter fossulatus; apertura ut in *C. corrugato*, ad dextram magis expansa; umbilici diam. max. 0, 32 poll.; perist. *C. corrugati*. — Alt. 0, 85, lat. max. 1, 07, min. 0, 88 poll. (Ch.)

Cyclotus Portlandensis Chitty in Proc. Zool. Soc. 1857. p. 147.

Habitat Portland insulae Jamaicae.

123. 32. **C. notatior Chitty.** †

Forma, color et sculptura fere ut in *C. corrugato*. Anfr. 5, ultimus superne leviter depressus; carina umbilicalis minus elevata, sed latior. — Alt. 0, 59, latit. max. 0, 8, min. 0, 61 poll. (Ch.)

Cyclotus notatior Chitty in Proc. Zool. Soc. 1857. p. 148.

Habitat „St. Elizabeth," var. min. „Yallahs Hill" insulae Jamaicae.

124. 33. **C. notatus Chitty.** †

T. fere laevigata, in parte supera dimidii anfractus ultimi leviter corrugata, non depressa; umbilici lat. max. 0, 17, min. 0, 16 poll.; carina umbilicalis fere obsoleta. — Alt. 0, 58, lat. max. 0, 64, min. 0, 56 poll. (Ch.)

Cyclotus notatus Chitty in Proc. Zool. Soc. 1857. p. 148.

Habitat „Trelawny" insulae Jamaicae.

125. 34. **C. novae-spei Chitty.** †

T. fortiter corrugata in anfr. ultimo et quarta penultimi parte, excentrice et perprofunde corrugata circa carinam umbilicalem prominentem et distanter incisam; umbilici lat. max. 0, 24, min. 0, 18 poll. — Alt. 0, 63, lat. max. 0, 82, min. 0, 71 poll. (Ch.)

Cyclotus novae-spei Chitty in Proc. Zool. Soc. 1857. p. 148.

Habitat „New Hope, Westmoreland" insulae Jamaicae.

126. 35. **C. cycloatus Chitty.** †

Forma normalis; color: fascia lata vivide rufa, supra et infra peripheriam extensa; anfr. $4^2/_3$ rotundati, primi striis incrementi subtilibus, reliqui rudioribus sculpti, infra suturam corrugati et foveolati, ultimus peripheria laevigatus, nitidus, circa carinam umbilicalem elevatam foveolatus, ruditer striatus in umbilico amplo; apertura subcircularis, superne angularis; perist. superne leviter incisum. — Alt. 0, 61, lat. max. 0, 88, min. 0, 72 poll. (Ch.)

Cyclotus cycloatus Chitty in Proc. Zool. Soc. 1857. p. 148.

Habitat „New Hope" insulae Jamaicae.

36. jugosus C. B. Ad. (Coll. 18. — *Reeve* t. 2. f. 6. — Jamaica.) . . . . Pneum. II. p. 18. 127.

Obs. Conf. Chitty in Proc. Z. S. 1857. p. 156. (cum varr. 2.) — Simili operculo munitae describuntur species sequentes:

37. C. Westmorelandensis Chitty. † 128.

T. subgloboso-conica, rufo-fusca, epidermide laete fusca, apertura rufa, apice rubro; striae incrementi subtiles et corrugatio levis supra medium anfractus ultimi; spira elevata, leviter convexa; anfr. $5^1/_4$ rotundati, superne planiores; apertura rotundata, ad dextram subdilatata; perist. superne valde sinuatum; umbilicus mediocris; carina umbilicalis modice producta. — Alt. 0, 8, lat. max. 0, 97, min. 0, 81 poll. (Ch.)

Cyclotus Westmorelandensis Chitty in Proc. Zool. 1857. p. 156.

Habitat „Westmoreland" insulae Jamaicae.

38. C. nodosus Chitty. † 129.

T. depressiusculo-conica, sub epidermide laete fusca alba, labro fusco; spira depressa; anfr. $5^1/_4$, rotundati, ultimus eximie nodoso-corrugatus, profunde foveolatus circa carinam umbilicalem distincte productam; apertura subobliqua; perist. superne leviter sinuatum; umbilicus amplus (0, 3) infundibuliformis. — Alt. 0, 6, lat. max. 0, 85, min. 0, 67 poll. (Ch.)

Cyclotus nodosus Chitty in Proc. Zool. Soc. 1857. p. 157.

Habitat „Maroon Town, St. James" insulae Jamaicae.

39. C. Beswicki Chitty. † 130.

T. subgloboso-conica, sub epidermide laete fusca rubicunda; spira elevata; anfr. $5^1/_4$, modice rotundati, superi striis incrementi rudibus, ultimus leviter et remote corrugatus, intra carinam umbilicalem fortiter productam subtiliter striatus; umbilicus mediocris (0, 25); apertura obliqua, ad dextram perdilatata, superne depressa; perist. superne leviter sinuatum, margine dextro acuto. — Alt. 0,75, lat. max. 0, 9, min. 0, 74 poll. (Ch.)

Cyclotus Beswicki Chitty in Proc. Zool. Soc. 1857. p. 157.

Habitat „Bogue Estate, St. Elizabeth" insulae Jamaicae.

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40. pallescens C. B. Ad. (Coll. 19. — *Reeve* t. 2. f. 7. — Jamaica.) . . . . Pneum. II. p. 18. 131.

132. 41. varians C. B. Ad. (Coll. 20. — *Reeve* t. 3. f. 12. t. 7. f. 36. — Jamaica.) . . . . Pneum. II. p. 19.

Obs. Quoad operculum *C. varianti* affines describuntur species sequentes:

133. 42. **C. corrugatior Chitty.** †

T. perdepresso-turbinata, sub epidermide laete fusca vivide rufa; spira convexa, perdepressa; anfr. fere 5 rotundati, 2 primi subtiliter striati, sequentes rugis antrorsum descendentibus regulariter sculpti, ultimus antrorsum magis irregulariter et levius corrugatus, intra carinam umbilicalem distinctam subtiliter striatus; apertura rotundata, superne leviter subangularis; perist. latere dextro subreflexum, superne interdum duplicatum, latere sinistro incrassatum et breviter solutum; umbilicus amplus. — Alt. 0, 7, lat. max. 0, 98, min. 0, 84 poll. (Ch.)

Cyclotus corrugatior Chitty in Proc. Zool. Soc. 1857. p. 150.

Habitat „Gutter's Hill" insulae Jamaicae.

134. 43. **C. gemma Chitty.** †

T. perdepresso-turbinata, sub epidermide laete fusca coerulescenti-albida; spira convexa, perdepressa; anfr. $4^{1}/_{2}$, rotundati, medii fortiter corrugati, interdum cum fossulis diagonalibus sagittaeformibus, ultimus perdepressus; umbilicus latus; carina umbilicalis fere obsoleta; apertura late expansa, praesertim latere dextro et inferne, superne leviter angularis; perist. ad dextram expansum, latere sinistro distincte solutum. — Alt. 0, 41, lat. max. 0, 66, min. 0, 51 poll. (Ch.)

Cyclotus gemma Chitty in Proc. Zool. Soc. 1857. p. 150.

Habitat „New Hope" insulae Jamaicae.

135. 44. **C. zigzag Chitty.** †

T. depresso-turbinata, sub epidermide laete fusca alba; spira convexa, modice elevata; anfr. $4^{3}/_{4}$, rotundati, sculpti similiter ac *C. corrugatior*, sed rugis anfractus ultimi ziczacformibus et tota basi subtiliter rugata; umbilicus angustus; apertura subcircularis, ad latus sinistrum subdilatata; perist. leviter sinuatum. — Alt. 0, 6, lat. max. 0, 75, min. 0, 58 poll. (Ch.)

Cyclotus zigzag Chitty in Proc. Zool. Soc. 1857. p. 150.

Habitat „Trelawny" insulae Jamaicae.

45. subrugosus Sow. (An. var. *C. crassi* ? teste *Reeve.* — Jamaica.) . . . . Pneum. II. p. 19. 136.
46. ? Duffianus C. B. Ad. † (Jamaica.) . . . . - - - 19. 137.
47. perpallidus C. B. Ad. † (Jamaica.) . . . . - - - 19. 138.

Obs. Hujus speciei operculum teste Chitty nondum observatum est, sed ex duobus operculorum typis novis plures adhuc species describuntur.

A. Typus *C. seminudi* (operculi anfr. leviter elevati, obtuse incrassati, late expansi, marginibus ad planum omnino appressis. Species: *C. seminudus, De Burghaeanus, rudisplanusque, pretiosus, Bairdianus, ruber* et *asperulus.*

B. Typus *C. Rupis-Fontis* (operculi anfractus bene elevati, marginibus acutis et fere verticaliter e plano assurgentibus, neque reflexis neque inflexis. Species: *C. Rupis-Fontis* et *corrugatissimus.*

48. seminudus C. B. Ad. (Coll. 21. — *Gray* Phan. p. 15. — *H. & A. Ad.* Gen. p. 276. — *Chitty* in Proc. Z. S. 1857. p. 151. — *Reeve* t. 1. f. 2. — *C. Jamaicensis var. γ. Pfr.* Pneum. II. p. 18 ? — Jamaica.) . . . . Pneum. I. p. 28. 139.

49. C. De Burghaeanus Chitty. † 140.

T. globoso-conica, coerulescenti-alba, epidermide lateritia in anfractibus superioribus, tum pallide straminea et caeterum vivide rufa, fasciis 2 stramineis interdum interrupta; spira convexa, elevata; anfr. 5 rotundati, superi subtiliter striati, penultimus leviter et ultimus fortiter corrugatus infra suturam, basi laeviusculus, intra carinam umbilicalem mediocrem ruditer striatus; umbilicus angustus; apertura obliqua, inferne expansa; perist. laete fuscum, saepe profunde sinuatum. — Alt. 0, 84, lat. max. 0, 99, min. 0, 82 poll. (Ch.)

Cyclotus De Burghaeanus Chitty in Proc. Zool. Soc. 1857. p. 151.

Habitat „Westmoreland" insulae Jamaicae.

50. C. rudis-planusque Chitty. † 141.

T. globoso-conica, saturate fusca, interdum laete rufa, interdum aetate nigra in anfr. ultimo, interdum fascia angusta vel lata pallidiore ornata; spira convexa, elevata; anfr. $4^3/_4$, modice rotundati, striati vel subtiliter corrugati (in anfr. penultimo et infra suturam ultimi), ultimus intra carinam umbilicalem distinctam ruditer striatus; umbilicus angustus; apertura

piriformis, ad dextram expansa; perist. plerumque fortiter sinuatum. — Alt. (speciminum typicor.) 0, 51, lat. max. 0, 67, min. 0, 53 poll. (Ch.)

Cyclotus rudis-planusque Chitty in Proc. Zool. Soc. 1857. p. 152.

Habitat „Accompong Town, St. Elizabeth" insulae Jamaicae.

142. 51. **C. pretiosus Chitty.** †

T. depresso-conica, vivide fusca; spira perdepressa, vix convexa; anfr. $4^1/_2$ rotundati, primi subtiliter, tum fortius striati, ultimus angulato-malleatus („*diamond cut*"), ad aperturam dextram versus valde expansus; apertura rotundata, ab anfractu contiguo valde soluta; perist. leviter sinuatum, in adultis perincrassatum; umbilicus amplus; carina umbilicalis mediocris. — Alt. 0, 41, lat. max 0. 56, min. 0, 45 poll. (Ch.)

Cyclotus pretiosus Chitty in Proc. Zool. Soc. 1857. p. 153.

Habitat „New Hope" insulae Jamaicae.

143. 52. **C. Bairdianus Chitty.** †

T. globoso-conica, vivide rufa, interdum cum fascia pallidiore peripherica et circa carinam umbilicalem, flavida ad suturam anfr. ultimi; spira convexa, elevata; anfr. 5 rotundati, superi subtiliter striati, 2 ultimi leviter corrugati, in umbilico ruditer striati; apertura piriformis, ad sinistram valde expansa; perist. leviter sinuatum; umbilicus angustus. — Alt. 0, 57, lat. max. 0, 65, min. 0, 57 poll. (Ch.)

Cyclotus Bairdianus Chitty in Proc. Zool Soc. 1857. p. 153.

Habitat in insula Jamaica.

144. 53. **C. ruber Chitty.** †

T. depresso-conica, rufa, ad apicem et interne rubra, cum fascia pallidiore ad peripheriam et circa umbilicum, flavida infra suturam anfr. ultimi; spira convexa, parum elevata; anfr. 5 rotundati, primi 3 subtiliter striati, reliqui angulato-malleati; umbilicus angustus; carina umbilicalis continua, extus planiuscula, latere interno fortiter producta; apertura perobliqua, ad sinistram fere stricta, ad dextram valde expansa; perist. superne leviter sinuatum. — Alt. 0, 61, lat. max. 0, 88, min. 0, 7 poll. (Ch.)

Cyclotus ruber Chitty in Proc. Zool. Soc. 1857. p. 135.

Habitat „Westmoreland“ insulae Jamaicae.

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54. **C. rupis-fontis Chitty.** † 145.

T. globoso-conica, crassissima, saturate rufa, cum fascia lata flavicante infra suturam, apice rubra; spira convexa, bene elevata; anfr. $5^1/_4$ rotundati, superi subtiliter striati, ultimus superne subdepressus, leviter corrugatus et foveolatus; apertura ad dextram leviter expansa, intus coerulescenti-albida; perist. valde incrassatum, superne leviter sinuatum; umbilicus mediocris; carina umbilicalis utrinque fortiter prominens. — Alt. 0, 79, lat. max. 0, 99, min. 0, 75 poll. (Ch.)

Cyclotus rupis-fontis Chitty in Proc Zool. Soc. 1857. p. 155.

Habitat „Rock Spring, Hanover“ insulae Jamaicae.

55. **C. corrugatissimus Chitty.** † 146.

T. depresso-conica, fusca; spira parum elevata; anfr. 5 bene rotundati, $3^2/_3$ superi subtiliter striati, tum rugis rudibus et crebris ziczacformibus fere usque ad aperturam sculpti, ultimus circa carinam umbilicalem mediocrem incisuris dentiformibus et in umbilico mediocri striis subtilibus praeditus; apertura leviter obliqua, inferne valde expansa; perist. ubique sinuatum, praesertim superne. — Alt. 0, 81, lat. max 1, 1, min. 0, 81 poll. (Ch.)

Cyclotus corrugatissimus Chitty in Proc. Zool. Soc. 1857. p. 155.

Habitat in insula Jamaica.

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56. daucinus Pfr. (*Reeve* t. 8. f. 49. — Ins. Salomon.) . . . . Pneum. II. p. 19. 147.

§. 4.

57. stramineus Reeve (Coll. 22. — *Reeve* t. 5. f. 25. — Columbia, La Guayra.) . . . . . . - - - 19. 148.
58. Dysoni Pfr. (Coll. 23. — *Reeve* t. 6. f 31. — Honduras.) . . . . - - - 19. 149.
59. glaucostomus Pfr. (*Reeve* t. 7 f. 35. — Venezuela.) . . . . - - - 19. 150.

151. 60. **C. bisinuatus Martens.**

„Testa umbilicata, turbinata, solida, pliculis confertis undulatis, interdum confluentibus, sculpta, flavobrunnea, unicolor; spira conica, acutiuscula; anfr. 5 sat convexi, ultimus rotundatus, ad suturam complanatus; umbilicus sat angustus, infundibuliformis, angulo obsoleto circumscriptus; apertura diagonalis, ovato-circularis, superne angulata, intus coerulescens; peristoma rectum, obtusum, superne et inferne emarginatum, margine columellari arcuato. — Diam. maj. $38^1/_2$, min. 29, alt. 31, apert. 20 mill.“ (v. M.)

Cyclotus bisinuatus Mart. in Malak. Bl. XI. 1864. p. 113. t. 3. f. 1. 2.

Habitat prope Costarica (Hoffmann).

§. 5.

152. 61. Martinicensis Shuttl. (Coll. 24. — Ins. Martinique.) . . . . Pneum. II. p. 20.

153. 62. distinctus Sow. (*Reeve* t. 7. f. 34. — Columbia.) . . . . - - - 20.

154. 63. floccosus Shuttl. (Coll. 25. — *Reeve* t. 8. f. 38. — Haiti.) . . . . - - - 21.

155. 64. **C. perdistinctus Gundlach.**

T. late umbilicata, depressa, fere discoidea, tenuiuscula, minute sriata et inaequaliter lirata, sub epidermide virentifulva alba; spira vix elevata, vertice minuto, prominulo; sutura profunda, canaliculata; anfr. 4 convexi, ultimus teres, antice breviter solutus, non carinatus; apertura subverticalis, circularis; perist. continuum, simplex, rectum. — Operc. testaceum, extus concavum, arctispirum, marginibus anfractuum subliberis. — Diam. maj. 11, min. $8^1/_2$, alt. 4 mill. Ap. diam. $4^1/_3$ mill. (Coll. Nr. 26.)

Cyclotus perdistinctus Gundl. in Malak. Bl. V. 1858. p. 192; VI. 1859. p. 68; IX. 1862. p. 6.

Habitat in provinciis orientalibus insulae Cubae: Santiago, Guantánamo, Piloto Arriba.

156. 65. **C. vortex Weinland.**

T. late umbilicata, discoidea, striis incrementi subtilibus et liris aequalibus (in anfr. ultimo circa 12) sculpta, albida; spira plana, vertice minuto, non prominulo; sutura levis; anfr.

$4^{1}/_{2}$ rapide accrescentes, depressi, juxta suturam laevigati, ultimus antice teres; apertura fere verticalis, circularis; perist. simplex, rectum, continuum, anfractui contiguo adnatum. — Diam. maj. 8, min $6^{1}/_{3}$, alt. $2^{1}/_{2}$ mill. (Coll. Nr. 27.)

Cyclostoma vortex Weinl. in Malak. Bl. IX. 1862. p. 90.
Cyclotus vortex Pfr. ibid. p. 94.

Habitat prope Jérémie et Corail insulae Haiti.

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66. Recluzianus Pfr. (Coll. 28. — *Reeve* t. 9. f. 53. — Ins. Salomon.) . . . . Pneum. II. p. 21. 157.
67. Macgillivrayi Pfr. (Coll. 29. — *Reeve* t. 9. f. 57. — Nov. Hebrid.) . . . . - - - 21. 158.
68. sordidus Pfr. (*Reeve* t. 9. f. 52. — Cochinchina.) - - - 22. 159.
69. patera Pfr. (*Chemn.* ed. nov. t. 43. f. 23—25. — *Reeve* t. 8. f. 44. — Epidermis puberula, in carinis periphericis fasciculis setarum fuscarum munita. Operc. planum, angustispirum. — Habitat in montibus Lao dictis Cambojae: Mouhot.) . . . . - - - 22. 160.

70. C. liratulus Martens. † 161.

„Testa globoso-turbinata, anguste umbilicata, striatula et confertim spiraliter lirata, liris in anfractu penultimo 6, in ultimo 14—18 majoribus, intermixtis minoribus, flavescens; spira conica, acutiuscula; anfr. $4^{1}/_{2}$, convexi, ultimus rotundatus; apertura vix obliqua; peristoma simplex, continuum, rectum. — Diam. maj. 6, min. 5, alt. 5, apert. $3^{1}/_{2}$ millim.“ (v. M.)

Cyclotus liratulus Mart. in Monatsber. Berl Ak. 25. Febr. 1864.

Habitat in Moluccis (Banda et Amboina).

Obs. „Affinis *C. pygmaeo Sow.*“

71. C. bicarinatus Martens. † 162.

„Testa rotundato-trochiformis, subcylindrice umbilicata, liris elevatis in anfractu penultimo 5, in ultimo 18 conspicuis, inter quas duae, sexta et nona, magis prominent, albida; apex globiformis, laevis; anfr. 5, sutura profunda, ultimus depressus; apertura parum obliqua; peristoma rectum. — Diam. maj. 6, min. 5, alt. 5, apert. 2 mill.“ (v. M.)

Cyclotus bicarinatus Mart. in Monatsber. Berl. Ak. 25. Febr. 1864.

Habitat in insula Ceram Moluccarum.

163. 72. **C. carinulatus Martens.** †

„Testa rotundato-trochiformis, modice umbilicata, carinis tenuibus in anfractu penultimo 2, in ultimo 10, versus basin magis confertis sculpta, albida; spira conica, exserta, rubella; anfr. 6, convexi, ultimus depressus; peristoma subincrassatum, paulisper expansum. — Diam. maj. 5, min. 4, alt. 4, apert. vix 2 millim.“ (v. M.)

Cyclotus carinulatus Mart. in Monatsber. Berl. Ak. 25 Febr. 1864.

Habitat in insula Buru Moluccarum.

164. 73. **C. ? Kolamulliensis Blanford.** †

„T. aperte umbilicata, depresso-turbinata, albido-cornea, transverse striata, rubeola; spira conoidea, apice acutiuscula; sutura impressa. Anfr. 4 convexi, ultimus rotundatus, costis 5 filiformibus circumdatus, aliis 7 crebris, striis verticalibus decussatis, in umbilico ornatus, quarum ima ad marginem basalem angulatum umbilici carinam praestat. Apertura circularis, obliqua; perist. rectum, simplex, continuum, superne et ad latus dextrum valde antice porrectum, margine columellari recedente. Umbilicus perspectivus, conicus. — Operc.? — Diam. maj. $2^2/_3$, min. $2^1/_3$, axis 2, apert. diam. 1 mill.“ (Bl.)

Jerdonia ? Kolamulliense W. T. & H. F. Blanf. Contrib. to Ind. Malac. II. 1861. p. 5. t. 1. f. 4.

Cyathopoma Kolamulliense W. T. Blanf. in Ann. and Mag. nat. hist. Jun. 1864.

Habitat in montibus „Kolamullies“ Indiae australis (King).

Obs. De genere s. subgenere *Jerdonia* conferatur *Cyclophorus trochlea Bens.*, de genere *Cyathopomate* vide *Cyclotum filocinctum* (p. 32).

§. 6.

165. 74. **C. Natalensis Pfr.**

T. anguste umbilicata, turbinata, solidula, vix striatula, nitida, lutescenti-cornea, lineolis rufis minutissime variegata; spira turbinata, acutiuscula; anfr. 5 convexi, ultimus infra medium castaneo-unifasciatus; apertura vix obliqua, subcircularis; perist. simplex, breviter adnatum, undique expansiusculum. — Operc. normale. — Diam. maj. 12, min. 10, alt. $9^1/_2$ mill. (Mus. Cuming.)

Cyclotus Natalensis Pfr. in Proc. Zool. Soc. 1861. p. 388.
— — *Reeve* Conch. ic. sp. 54. t. 9.

Habitat in Promontorio Natalensi.

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75. conoideus Pfr. (Coll. 30. — *Reeve* t. 9. f. 59. — Ins Seychell.) . . . . Pneum. II. p. 22. 166.
76. scalaris Pfr. (*Reeve* t. 9. f. 51. — Ins. Philippin.) . . . . - - - 22. 167.
77. triliratus Pfr. (Coll. 31. — *Cyclophorus triliratus Reeve* t. 19. f. 96. 97. — Labuan. — *β.* Var. unicolor castanea: ins. Aru.) . . . - - - 22. 168.

§. 7.

78. ? Hebraicus Less. † (Nova Guinea.) . . . . - - - 22. 169.
79. pusillus Sow. (Coll. 32. — (*Reeve* t. 7. f. 39. — Ins. Philippin.) . . . . - - - 22. 170.

§. 8.

80. ? volvuloides Sow. (*Reeve* t. 4. f. 19. — Habitat ?) . . . . - - - 22. 171.

81. **C. Traillì Pfr.** 172.

T. sublate umbilicata, depresso-turbinata, solidula, liris confertis, subtus minoribus sculpta, carneo-albida, fusculo-variegata, et fascia 1 rufa infraperipherica notata; spira breviter turbinata, acutiuscula; anfr. $4^1/_2$ convexi, celeriter accrescentes, juxta suturam laevigati, ultimus teres, antice vix descendens; apertura obliqua, subangulato-circularis; perist. tenue, vix expansiusculum, ad anfr. contiguum subinterruptum. — Operc. normale. — Diam. maj. 14, min. 12, alt. $10^1/_2$ mill. (Mus. Cuming.)

Cyclotus Traillì Pfr. in Proc. Zool. Soc. 1862. p. 116. t. 12. f. 4.
— — *Reeve* Conch. ic. sp. 56. t. 9.

Habitat Russelcanda, Madras (Dr. Traill.)

Obs. Differt a persimili *Cyclotopside subdiscoidea* statura minore, umbilico angustiore, spira elevatiore et anfractibus juxta suturam laevi gatis — Num etiam Cyclotopsidi adscribendus?

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82. montanus Pfr. (*Reeve* t. 9. f. 58. — India, mont. Neilgherries.) . . . . Pneum. II. p. 23. 173.

174. 83. orbellus Lam. (Coll. 33. — *Reeve* t. 8 f. 42. — Madagascar. ?) . . . . Pneum. II. p. 23.
175. 84. diatretus Gould. † (Ins. Feejee.) . . . . . . - - - 23.

§. 9.

176. 85. distomellus Sow. (Coll. 34. — *C. hebraicus* *Reeve* t. 6. f. 32. — Habitat ?) . . . . . . - - - 23.

177. 86. **C. Berendti Pfr.**

T. mediocriter et pervie umbilicata, turbinato-depressa, solida, conferte subundulato-rugata, sub epidermide decidua fulvida albida; spira parum elata, vertice (in specim. meo) truncato; anfr. 5 convexi, ultimus magnus, antice breviter solutus, dorso carinatus; apertura vix obliqua, fere circularis, superne subangulata; perist. duplex: externum campanulatim expansum, internum breviter porrectum, margine sinistro incrassato, irregulari. — Operc.? — Diam. maj. $22^1/_2$, min. $17^1/_2$, alt. 13 mill. Ap. 10 mill. alta. (Coll. Nr. 35.)

Cyclotus Berendti Pfr. in Malak. Bl. VIII. 1861. p. 171.
— — *Pfr.* Novit. conch. I. p. 232. N. 336. t. 59. f. 22. 23.

Habitat Mirador reipublicae mexicanae (Dr. Berendt).

Obs. Peraffinis videtur *C. Dysoni Pfr.*, a quo differt plicis fere regulariter parallelis et praecipue peristomatis indole.

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178. 87. discoideus Sow. (*Reeve* t. 5. f. 23. — Demerara.) . . . . Pneum. II. p. 23.
179. 88. opalinus Mouss. † (Java.) . . . . - - - 23.

180. 89. **C. subflammulatus Pfr.**

T. umbilicata, turbinato-depressa, tenuiuscula, striatula, nitida, lutescens; spira breviter conoidea; anfr. 4 modice convexi, supremi pallide rufo-flammulati, ultimus depresso-rotundatus, non descendens; umbilicus conicus, $^1/_3$ diametri vix superans; apertura vix obliqua, subcircularis, intus margaritacea; perist. duplex: internum vix porrectum, externum patens, superne productum, latere columellari angusto. — Operc. calcareum, margine sulcatum, arctispirum, anfractibus oblique plicatis, margine prominulis. — Diam. maj. 17, min. $13^1/_2$, alt. $8^1/_2$ mill. Ap. diam. 7 mill. (Mus. Cuming.)

Cyclotus subflammulatus Pfr. in Proc. Zool. Soc. 1861. p. 28.
— — *Reeve* Conch. ic. sp. 43. t. 8.

β. T. undique variegata, ultimo anfractu castaneo-unifasciato:

Cyclotus obesus Martens in Malak. Bl. X. 1863. p. 84.

Habitat in insulis Moluccis: Ternate (rariusculus), Tidore, Moti (frequens), Kajoa, Tawalli-Kitjil, Batjan.

Obs. „Animal pallide griseum, tentaculis nigris."

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90. mucronatus Sow. (Coll. 36. — *Reeve* t. 5. f. 27. — Ins. Philippin.) . . . . Pneum. II. p. 23. 181.
91. substriatus Sow. (Coll. 37. — *Reeve* t. 5. f. 22. — Ins. Philippin.) . . . . - - - 23. 182.

92. **C. Fortunei Pfr.** 183.

T. umbilicata, turbinato-depressa, solidula, subtiliter striatula, fulva, castaneo minute marmorata et infra medium unifasciata; spira brevissime turbinata, vertice subtili; sutura simplex; anfr. 5 convexi, ultimus teres, non descendens; umbilicus conicus, profundus, $^1/_4$ diametri subaequans; apertura fere verticalis, subcircularis, superne leviter angulata; perist. duplex: internum vix porrectum, breviter adnatum, externum annulato-expansum. — Operc. normale. — Diam. maj. 15, min. $12^1/_2$, alt. 9 mill. Ap. $6^2/_3$ mill. longa. (Mus. Cuming. spec. adultum.)

Cyclotus Fortunei Pfr. Mon. Pneum. p. 30. Suppl. p. 17. (Imperfect.)
— — *Reeve* Conch. ic. sp. 17. t. 4.

Habitat Shanghai Chinae (Fortune.)

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93. ? Chinensis Pfr. (*Leptopoma ? chinense Reeve* t. 7. f. 43. — Hongkong.) . . . . Pneum. II. p. 23. 184.
94. corniculum Mouss. (Java.) . . . . - - - 24. 185.
95. plebejus Sow. (Coll. 38. — *Reeve* t. 9. f. 55. — Ins. Philippin.) . . . . - - - 24. 186.
96. Tourannensis Soul. † (Cochinchina.) . . . . - - - 24. 187.

97. **C. conicus Martens.** † 188.

„T. conico-turbinata, late umbilicata, sub epidermide sordide brunea aureonitens, spiraliter lirata; apex acuminatus; anfr. 5, convexi, sutura profunda discreti, ultimus rotundatus,

liris 8—9 elevatis, mediana nigricante, piligera, basi laevi; apertura circularis; perist. duplex: internum rectum, album, continuum, margini columellari appressum, externum interruptum, breviter expansum, nigricans. — Operc. typicum. — Diam. maj. 10, min. 8, alt. 10 mill." (v. M.)

Cyclotus conicus Martens in Proc. Zool. Soc. 1860. p. 10.

Habitat Siam (Bowring.)

Obs. „Proxime affinis *C. Tourannensi Soul.*, a quo distinguitur sculptura, carina pilosa et forma altiore testae."

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189. 98. Lindstedti Pfr. (*Reeve* t. 8. f. 45. — Malacca.) Pneum. II. p. 24

190. 99. exiguus Sow. † (Habitat ?) . . . . - - - 24.

191. 100. filocinctus Bens. (*Reeve* t. 9. f. 50. — *Cyathopoma*) filocinctum W. & H. Blanf.* Contrib. to Ind. Malac. Nr. 2. p. 8; Ann. and Mag. n. h. Jun. 1864. — Neilgherries.) . . . - - - 25.

192. 101. **C. Malabaricus W. & H. Blanford.** †

„Testa subaperte umbilicata, depresso-conica, albida, glabra, nitidula, epidermide decidua cornea, ad anfr. ultimum transverse fusco-strigata, induta; spira conica, apice acuta; sutura profunda; anfr. 4 rotundati, celeriter crescentes, ultimus cylindraceus; apertura parum obliqua, circularis, prope umbilicum parum sinuata, superne vix angulata; perist. duplex, externum brevissime expansum, internum porrectum, acutum, continuum; umbilicus perspectivus. — Operc. haud immersum, duplex, internum corneum, multispirum, externum testaceum, anfractuum marginibus lamella spirali, albida, scabra ad anfr. externos perelevata et versus centrum incurva, quasi convexa, munitis. — Diam. maj. $3^1/_4$, min. $2^3/_4$, alt. $2^1/_2$, apert. diam. $1^1/_6$ mill." (Bl.)

Cyclotus Malabaricus W. T. & H. F. Blanford Contrib. to Ind. Malac. Nr. 1. 1860. p. 9.

Cyathopoma Malabaricum W. T. Blanf. in Ann. and Mag. nat. hist. Jun. 1864.

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*) Character generis: „testa umbilicata, turbinata v. turbinato-depressa, epidermide crassa, saepe hispidula induta, plerumque spiraliter lirata. Operculum truncate conoideum, concentricum, multispirum, e duabus laminis compositum; interna membranacea, externa testacea perconcava; anfractuum marginibus externis in lamellam testaceam, versus medium incurvatam, interdum pulchre sculptam, elevatis. — Species: A. Spiraliter liratae: *C. filocinctum Bens.*, *Kalryenense Blanf.* et nova species indescripta; B. Laevigatae: *C. Malabaricum Bl.* et *Kolamulliense Bl.*" (*W. T. Blanf.* l. c. 1864.)

Habitat sub rupibus et saxis in terra humida ad margines sylvarum prope Pykara montium „Nilgiri", ad alt. 7000 ped.

Obs. „Differt a *C. filocincto Bens.* sculptura deficiente, peristomate minus expanso, lamella spirali operculi paulo magis elevata, etc."

102. **C. tignarius Benson.** † 193.

„C. testa minuta, umbilicata, turbinato-conica, liris spiralibus subtus confertioribus cincta, oblique striatula, sub epidermide luteo-fusca albida; spira conica, apice obtusiusculo, sutura profunda; anfractibus 5, valde convexis, ultimo cylindrico; apertura vix obliqua, circulari; peristomate continuo, simplici, recto, acuto, ad anfractum penultimum breviter adhaerente. Operculo calcareo, medio anguste concavo, nigrescente, polito, margine lato planato, arctissime spirali. — Diam. 2, alt. $2^1/_2$ mill." (B.)

Cyathopoma ? tignarium Bens. in Ann. and Mag. nat. hist. Dec. 1863.

Habitat in insulis Andamanicis.

103. **C. Kalryenensis W. & H. Blanford.** † 194.

„Testa umbilicata, elevato-conica, albida, spiraliter lirata, epidermide pallide cornea induta; spira conica, apice subacuta; sutura profunda; anfr. 5 rotundati, ultimus cylindraceus. Apertura parum obliqua, circularis; perist. duplex, externum expansum, internum porrectum, labio dextro crenulato, acutum, continuum; umbilicus perspectivus. Operculum concavum, externe testaceum, anfractuum marginibus lamella spirali, ad anfractus externos elevata, incurvata, munitis. — Alt. 2, diam. maj. 2, 5, min. 2, apert. diam. 0, 08 mill." (Bl.)

Cyclotus Kalryenensis W. T. & H. F. Blanford Contrib. to Ind. Malac. Nr. 2. 1861. p. 6. t. 2. f. 1.

Cyathopoma Kalryenense W. T. Blanf. in Ann. and Mag. nat. hist. Jun. 1864.

Habitat apud summos montes „Kalryen Indiae meridionalis."

§. 10.

104. variegatus Swains. (Coll. 39. — *Reeve* t. 6. f. 29. — Ins. Philippin.) . . . . Pneum. II. p. 25. 195.

196. 105. **C. Bernsteini Martens.** †

„Testa depressa, perspective umbilicata, laeviuscula, vix nitens, castanea, concolor, apice nigricans; anfr. 4 convexiusculi, spiram planam formantes, sutura profunde discreti; apertura piriformis, obliqua; peristoma distincte duplex, ferrugineum, externum expansum, margine supero in canaliculum triangularem anfractui penultimo adnatum prolongato. — Diam. maj. 27, min. 21, alt. 13; aperturae long. $13^1/_2$, lat. 11 mill.“ (v. M.)

Cyclotus Bernsteini Martens in Malak. Bl. X. 1863. p. 84.

„Habitat in insula Batjan haud frequens; eandem speciem ex insulis Obi dictis vidi apud Cl. Dr. Bernstein, hujus regionis indefessum exploratorem.“

Obs. „Similis sequenti, peristomatis superi conformatione distinctus.“

197. 106. **C. pruinosus Martens.** †

„Testa depressa, perspective umbilicata, laevis, nitidiuscula, quasi pruinosa, fusco-nigricans, obsolete albo-fulminata, apice nigra; anfractus $3^1/_2$, convexiusculi, spiram obtusissimam, vix elevatam formantes, sutura profunda discreti, ultimus valde descendens; apertura piriformis, obliqua; peristoma leviter duplicatum, pallide flavescens, externum expansum, margine supero lobulum ascendentem incisura ab anfractu penultimo solutum exhibente. Operc. circulare calcareum multispirum crassum. — Diam. maj. $21-18^1/_2$ mill., min. $16^1/_2-15$; altitudo (inclusa apertura) $8^1/_2$; aperturae longitudo $9^1/_2-7$, latitudo $8^1/_2-7$.“ (v. M.)

Cyclotus pruinosus Martens in Malak. Bl. X. 1863. p. 83.

Habitat frequens in insulis Moluccis Ternate, Tidore, Moti, nec non prope Dodinga insulae Halmahera.

Obs. Animal nigricans.

198. 107. **C. Batchianensis Pfr.**

T. late umbilicata, subdiscoidea, solida, oblique striatula et superne liris spiralibus obsoletis notata, saturate fusca; spira vix prominula; anfr. 4 convexiusculi, supremi pallide flammulati, ultimus depresso-rotundatus, antice descendens; apertura diagonalis, subangulato-rotunda; perist. duplex: internum continuum, subadnatum, latere dextro dilatatum, externum album, concentrice striatum, superne valde productum, juxta

anfr. contiguum subcompressum, latere dextro et basali expansis, columellari angusto. — Operc. normale. — Diam. maj. 23, min. 19, alt. $8\frac{1}{2}$ mill. Ap. diam. $7\frac{1}{2}$ mill. (Mus. Cuming.)

Cyclotus Batchianensis Pfr. in Proc. Zool. Soc. 1861. p. 28. t. 3. f. 1.
— — *Reeve* Conch. ic. sp. 46. t. 8.

Habitat in insula Batchian (Wallace).

108. C. latistrigus Martens. † 199.

„Testa discoidea, latissime umbilicata, nitidula, olivacea, superne strigis latis fuscis picta, apice paulum prominula; anfr. $4\frac{1}{2}$, superne planiusculi, infra rotundati; apertura diagonalis; peristoma duplicatum, externum breviter reflexum, ad suturam in lobum triangularem, subtus canaliculatum, anfractui penultimo adnatum excurrens. — Diam. maj. 12, min. 9, alt. 5, apert. 4 mill.“ (v. M.)

Cyclotus latistrigus Mart. in Monatsber. Berl. Ak. 25. Febr. 1864.

Habitat in parte occidentali insulae Borneo.

109. C. fasciatus Martens. † 200.

„Testa depressa, late umbilicata, brunneolutescens, fascia peripherica alba; spira prominula; anfr. 5 convexiusculi, ultimus parum descendens; apertura diagonalis, circularis; peristoma duplicatum, externum late reflexum, superne in canaliculum triangularem brevem, anfractui ultimo adnatum, excurrens. — Diam. maj. 28, min. 19, alt. $16\frac{1}{2}$, apert. incluso perist. 13, excluso 10 mill.“ (v. M.)

Cyclotus fasciatus Mart. in Monatsber. Berl. Ak. 25. Febr. 1864.

Habitat in parte meridionali insulae Celebes.

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110. planorbulus Lam. (*Pterocyclos planorbulus Reeve* t. 1. f. 3. — Ins. Pulo Condor Cochinchinae.) . . . . Pneum. II. p. 25. 201.

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111. incomptus Sow. (Coll. 40. — *Reeve* t. 2. f. 8. — Operc. fere *C. gigantei*. — Nova Granada.) . . . . — — — 25. 202.

II. Opisthoporus Benson.

Pfr. Mon. Pneum. II. p. 25.

Species:

203. 1. biciliatus Mouss. (Coll. 41. — *Pterocyclos biciliatus Reeve* t. 4. f. 17. — Borneo.) . . Pneum. II. p. 26.
204. 2. euryomphalus Pfr. *Pterocyclos euryomphalus Reeve* t. 5. f. 29. — Borneo.) . . . . - - - 26.

205. 3. **O. Siamensis Martens.** †

„T. discoidea, late umbilicata, striatula, flavida, fusco-fulgurata, vertice prominulo; anfr. $4^1/_2$ convexiusculi, sutura profunda discreti, ultimus rotundatus, antice descendens, non solutus, linea mediana pilifera, tubulo recurvo aperto 6 mill. pone aperturam munitus; apertura circularis; perist. duplex: internum rectum, continuum, externum interruptum, breviter expansum, superne alatim dilatatum. — Operc. calcareum, multispirum, planum, margine incrassato, cavo. — Diam. maj. 19, min. 14, alt. 7 mill." (v. M.)

Opisthoporus Siamensis Mart. in Proc. Zool. Soc. 1860. p. 10.

Habitat Siam (Bowring).

206. 4. rostellatus Pfr. *Pterocyclos rostellatus Reeve* t. 5. f. 25. — Sincapore.) . . . . Pneum. II. p. 26.
207. 5. tubuliferus Pfr. (*Pterocyclos tubuliferus Reeve* t. 5. f. 24. — Habitat ?) . . . . . - - - 27.
208. 6. birostris Pfr. (Coll. 42. — *Pterocyclos birostris Reeve* t. 4. f. 18. — Borneo.) . . . . - - - 27.
209. 7. pterocycloides Pfr. *Pterocyclos anomalus Reeve* t. 5. f. 27. — Borneo.) . . . . . . - - - 27.

210. 8. **O. Gordoni Benson.** †

„O. testa late et concave umbilicata, depressa, discoidea, confertim striata, sub lente striis minutis spiralibus, nonnullis elevatiusculis, decussata, albida, strigis fulguratis castaneis fasciaque fusca dentata ad peripheriam ornata; spira planata, apice non elevato, obtuso, sutura profunda, demum canaliculata; anfr. 5, gradatim accrescentibus, convexis, ultimo rotundato, antice descendente, pone alam breviter soluto, 4 mill. pone aperturam spiraculo suturali brevi retrorsum spectante, nonnunquam subobsoleto, munito; apertura valde obliqua, circulari;

peristomate duplici, interno prope anfractum penultimum breviter inciso, exteriore superne et ad dextram angulatim expanso, reflexiusculo, ala intus concava insuper anfractum penultimum antrorsum ascendente munito. — Diam. maj. 22—23, min. 17—19, axis 5—6 mill.“ (B.)

Opisthoporus Gordoni Bens. in Ann. and Mag. nat. hist. May 1863.

Habitat non procul ab urbe Moulmein Birmaniae (R. Gordon).

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9. Cochinchinensis Pfr. (*Pterocyclos Cochinchinensis Reeve* t. 4. f. 22. — Cochinchina.) Pneum. II. p. 28. 211.

10. O. Javanus Pfr. 212.

T. late umbilicata, depressa, tenuiuscula, vix striatula, pallide luteo-cornea, parum nitida; spira parum elevata, mucronulata; sutura profunda; anfr. 4—$4^1/_2$ convexi, ultimus teres, antice non solutus, $1^2/_3$—2 mill. pone aperturam spiraculo brevi in sutura erecto munitus; apertura obliqua, subcircularis, intus leviter margaritacea; perist. duplex: internum continuum, vix prominens, externum latere dextro breviter expansum, sinistro obsoletum. — Operc. normale. — Diam. maj. 12, min. $9^1/_2$, alt $5^1/_2$ mill. Ap. diam. $4^2/_3$ mill. (Coll. Nr. 43.)

Opisthoporus Javanus Pfr. in Malak. Bl. VII. 1860. p. 215. t. 3. f. 8—10.

Habitat in montibus Nungnang ins. Javae (Hochstetter).

Obs. Habitu similis *Cycloto opalino Mouss.*, mihi nondum viso.

11. O. Sumatranus Martens. † 213.

„Testa subdepressa, mediocriter umbilicata, striatula, flavobrunnea, fusco-fulminata, apice cornea; anfr. 4 convexi, ultimus tubulo suturali perpendiculari 3 millim. ante aperturam sito munitus; peristoma duplicatum, externum reflexum, rubellum, prope suturam parumper fornicatim productum. — Diam. maj. $11^1/_2$, min. $9^1/_2$, alt. 7, apert. 5 mill.“ (v. M.)

Opisthoporus Sumatranus Mart. in Monatsber. Ak. Berl. 25. Febr. 1864.

Habitat in insula Sumatra.

III. Rhiostoma Benson.

Testa subdiscoidea, late umbilicata; anfractus ultimus solutus, lateraliter descendens; apertura libera, superne incisa tubulo imperfecto retroflexo rimam coronante. — Operculum breviter cylindricum, multispiratum, apice plano, laevigato, intus profunde excavatum. (B.)

*Rhiostoma**) *Bens.* in Ann. and Mag. n. h. 3d. ser. V. p. 96: novum genus Cyclostomaceorum.

— *Pfr.* in Journ. Conch. X. p. 45.

— *W. T. Blanford* in Ann. and Mag. nat. hist. Jun. 1864.

Genus ut videtur naturale, e nonnullis speciebus Pterocyclo antea adscriptis bene constitutum, pluribus novis exinde cognitis auctum.

Species:

214. 1. **Rh. Housei (Cyclostoma) Haines.**

T. late umbilicata, subconoideo-depressa, solida, leviter striatula, sub epidermide tenui, cornea, decidua alba, strigis crebris angustis, angulatis, fuscis picta; spira parum elevata, obtusula; sutura profunda, canaliculata; anfr. 5 convexi, celeriter accrescentes, ultimus antice longe solutus, descendens, dorso carinatus; apertura obliqua, subcircularis; perist. subduplex: internum superne incisura triangulari et foramine extus in tubulum subrectum retroflexum abeunte notatum, externum supra incisuram continuum, undique vix expansum, — Operc. cyathiforme, intus profunde excavatum, extus acute 6—7-spiratum, nucleo (in vetustissimis) lato convexo laevigato. — Diam. maj. 26—33, min. 21—24, alt. 12—13 mill. Apert. diam. 9—10 mill. (Coll. Nr. 44.)

Cyclostoma Housei Haines in Ann. Lyc. N. York VI. p. 157. t. 5. f. 12—15.

Pterocyclos Housei Pfr. Mon. Pneum. Suppl. p. 29.

— — *Reeve* Conch. ic. sp. 21. t. 4.

Rhiostoma Housei Bens. in Ann. and Mag. n. h. 3d. sér. V. p. 97.

Habitat Siam (Dr. House), Camboja (Mouhot).

215. 2. **Rh. Hainesi Pfr.**

T. late umbilicata, depressa, solida, distincte et conferte striata, (sub epidermide obscura) fuscula, flammulis angustis

*) ῥίον, promontorium.

castaneis variegata; spira parum elevata, vertice minuto, corneo; anfr. 5 depresso-rotundati, ultimus infra peripheriam castaneo-unifasciatus, antice longe solutus et deflexus, a sutura ad tubulum carinatus, ante tubulum introrsum apertum, extus longe recurvatum leviter incisus; apertura obliqua, circularis; perist. subduplicatum, album, margine sinistro incrassatum, dextro expanso, plane patente. — Operc. cyathiforme, extus planum, anguste spiratum, marginibus anfractuum elevatis, membranosis. — Diam. maj. 35, min. 25, alt. 12—14 mill. Apert. diam. 11—12 mill. (Mus. Cuming et Coll. Nr. 45.)

Rhiostoma Hainesi Pfr. in Proc. Zool. Soc. 1862. p. 115. t. 12. f. 8.
Pterocyclos Hainesii Reeve Conch. ic. sp. 19. t. 4.

Habitat Camboja (Mouhot).

3. **Rh. simplicilabre Pfr.** 216.

T. late umbilicata, depressa, solidula, leviter et confertissime striatula, sub epidermide nitida lutescens, elegantissime et subtiliter castaneo-flammulata; spira breviter conoidea, vertice minuto, obtusiusculo; anfr. 5 depresso-rotundati, ultimus infra peripheriam castaneo-unifasciatus, antice sublonge solutus et deflexus, a sutura usque ad tubulum recurvatum carinatus; apertura diagonalis, subcircularis, intus coerulescenti-margaritacea; perist. simplex, tenue, ante tubulum leviter incisum, undique vix expansiusculum. — Operc. praecedentis, angustius spiratum. — Diam. maj. $27\frac{1}{2}$, min. $19\frac{1}{2}$, alt. 10 mill. Apert. diam. $8\frac{2}{3}$ mill. (Mus. Cuming.)

Rhiostoma simplicilabre Pfr. in Proc. Zool. Soc. 1862. p. 115. t. 12. f. 7.
Pterocyclos simplicilabris Reeve Conch. ic. sp. 20. t. 4.

Habitat Camboja (Mouhot).

4. **Rh. Haughtoni Benson.** † 217.

„T. late umbilicata, convexo-depressa, solidiuscula, oblique scabre striatula, superne castanea, subtus albida, fascia angusta mediana saturatiori, utrinque angulato-marmorata, ornata; spira depresso-conoidea, apice prominulo, obtusiusculo; sutura impressa; anfr. 5, convexiusculis, ultimo cylindrico, antice longe soluto, lateraliter descendente, superne carina obtusa a sutura usque ad tubulum marginalem decurrente munito; apertura libera, obliqua, diagonali, circulari, peristomate subduplici, extus incrassato, reflexiusculo, superne ad sinistram inciso,

tubulo imperfecto, antice aperto, sinistrorse erecto, rimam coronante, munito; umbilico perspectivo, profundo. — Operculo testaceo, multispirato, breviter cylindrico, apice planato, laevigato, anfractibus arcte convolutis, marginibus acute carinatis, spatiis intersitis epidermide scabra vestitis, intus profunde excavato polito. — Diam. maj. 21, min. 11, axis $8\frac{1}{2}$ mill." (B.)

Rhiostoma Haughtoni Bens. in Ann. and Mag. nat. hist. 3 d. ser. V. p. 96.
Pterocyclos Haughtoni Reeve Conch. ic. sp. 30. t. 5.

Habitat ad cavernam Damathà, non procul ab urbe Moulmein (J. C. Haughton).

218. 5. **Rh. tenerum Menke.**

T. umbilicata, depressa, tenera, costis prominentibus membranaceis munita, pellucida, virenti-cornea; spira medio vix elevata; anfr. 5 convexiusculi, ultimus teres, antice breviter solutus, dorso crenulatus, vix carinatus; umbilicus latus, $\frac{2}{5}$ diametri subaequans; apertura parum obliqua, subcircularis, intus leviter margaritacea; perist. subduplex: internum superne breviter incisum, praeterea subadnatum, externum brevissime patens, incisuram prominentia levi tubuliformi obtegens. — Operc. fere Opisthopori. — Diam. maj. 17, min. 13, alt. 6 mill. Apert. diam. $5\frac{2}{3}$ mill. (Coll. Nr. 46.)

Pterocyclos tener Menke in Malak. Bl. III. 1856. p. 96.
— — *Pfr.* Novit. conch. I. p. 90. n. 154. t. 25. f. 13—15.
— — *Pfr.* Mon. Pneum. Suppl. p. 32.
— — *Reeve* Conch. ic. sp. 28. t. 5.
Rhiostoma tener Bens. in Ann. and Mag. nat. hist. 3 d. ser. V. p. 97.

Habitat Touranne Cochinchinae.

219. 6. **Rh. Bernardii Pfr.**

T. late umbilicata, subdiscoidea, solidula, capillaceo-striata, sericea, olivaceo-fulva; spira parum elevata, vertice minuto, prominulo; anfr. 5 convexi, ultimus teres, juxta suturam tumidus et leviter sulcatus, antice solutus et supra incisuram peristomatis tubulo brevi curvatulo munitus; apertura libera, fere verticalis, circularis; perist. subincrassatum, breviter expansum. — Operc.? — Diam. maj. 15, min. 12, alt. 7 mill. (Coll. Bernardi.)

Rhiostoma Bernardii Pfr. in Journ. Conch. X. (1862.) p. 45. t. 6. f. 5.

Pterocyclos Bernardii Reeve Conch. ic. sp. 23. t. 5.
Habitat Siam.

IV. Pterocyclos Benson.

Pfr. Mon. Pneum. p. 41. Suppl. p. 28. — Animal speciei haud nominatae ab A. Adams in Ann. and Mag. nat. hist. 3 d. ser. VII. 1861. p. 196 descriptum invenies. — Conf. *W. T. Blanford* in Ann. and Mag. nat. hist. Jun. 1864.

Conspectus specierum.

A. Aberrantes	§. 1.	Nr. 1— 4.
B. Normales.		
a. Anfractu ultimo spiraculo munito	§. 2.	Nr. 5.
b. Spiraculo nullo	§. 3.	Nr. 6—17.
C. Species vix notae	§. 4.	Nr. 18—19.

§. 1.

1. tenuilabiatus Metc. (Coll. 47. — *Reeve* t. 1. f. 5. — Borneo.) . . . . , . Pneum. II. p. 18. 220.

2. **Pt. Labuanensis Pfr.** 221.

T. late umbilicata, subdiscoidea, solida, subtilissime striatula, sordide flavida unicolor vel in anfractibus superioribus castaneo distanter flammulata; spira vix elevata, vertice corneo submucronato; anfr. $4^1/_2$ convexiusculi, rapide accrescentes, ultimus subdepresse rotundatus, non descendens; apertura fere diagonalis, circularis; perist. duplex: internum porrectum, superne leviter incisum, externum latere sinistro reflexum, dextro sublate patens, superne cucullatim dilatatum et subdeflexum. — Operc. planiusculum, calcareum, marginibus anfractuum infundibuliformiter elevatis. — Diam. maj. 18, min. 14, alt. 5 mill. Apert. diam. 5 mill. (Coll. Nr. 48.)

Pterocyclos Labuanensis Pfr. in Proc. Zool. Soc. 1863.
Habitat in insula Labuan (Hugh Low).

3. **Pt. Lowianus Pfr.** 222

T. late umbilicata, subdiscoidea, tenuiuscula, subtiliter striatula, sericina, fulva, flammis saturate castaneis amoene

picta; spira planiuscula, vertice submucronato; anfr. $4^1/_2$ convexi, regulariter accrescentes, ultimus teres, antice paululum descendens; apertura diagonalis, circularis; perist. duplex: internum brevissime porrectum, juxta anfractum contiguum vix sinuatum, externum latere sinistro angustissimum, dextro breviter patens, superne dilatatum et protractum, vix concavum. — Operc. praecedentis. — Diam. maj. $15^1/_2$, min. $12^1/_2$, alt. $5^1/_2$ mill. Apert. diam. $5^1/_2$ mill. (Coll. Nr. 49.)

Pterocyclos Lowianus Pfr. in Proc. Zool. Soc. 1863.

Habitat in insula Labuan (H. Low).

Obs. Similis *Opisthoporo biciliato Mouss.*, deficiente canali primo aspectu dignoscenda species.

223. 4. **Pt. Sumatranus Martens** †

„Testa discoidea, late umbilicata, striatula, fuscomaculata et unifasciata; anfr. $4^1/_2$, supra planiusculi, infra rotundati, ultimus ad aperturam paulo descendens; peristoma duplicatum, internum haud emarginatum, externum reflexum, superne in lobulum triangularem brevem, subtus excavatum, anfractui ultimo adnatum excurrens. — Operculum planum, spiris margine laciniato-lamelloso. — Diam. maj. 23, min. 16, alt. 12; apert. incluso peristomate 10, excluso 7 mill.“ (M.)

Pterocyclos Sumatranus Martens in Monatsber. Berl. Ak. 25. Febr. 1864.

Habitat in insula Sumatra.

§. 2.

224. 5. hispidus Pears. (*Reeve* t. 5. f. 26. — India. — *W. T. Blanford* (Ann. and Mag. nat. hist. Jun. 1864) genus *Spiraculum* adoptat, cujus subgenus sit *Opisthoporus*.) . . . . Pneum. II. p. 29.

§. 3.

225. 6. Cumingi Pfr. (Coll. 50. — *Reeve* t. 3. f. 14. — Ceylon.) . . . . - - - 29.

226. 7. Cingalensis Bens. (Ceylon.) . . . . - - - 29.

227. 8. bifrons Pfr. (*Reeve* t. 1. f. 1. — Ceylon.) . - - - 30.

228. 9. bilabiatus Bens. (*Reeve* t. 3. f. 13. — Madras.) . . . . - - - 30.

229. 10. Albersi Pfr. (*Reeve* t. 2. f. 9. — Mont. Khasia Indiae.) . . . . - - - 30.

230. 11. anguliferus Soul. (Coll. 51. — *Reeve* t. 2. f. 10. — Cochinchina.) . . . . - - - 30.

231. 12. rupestris Bens. (Coll. 52. — *Reeve* t. 2. f. 8. — India.) . . . . - - - 30.

13. nanus Bens. (Coll. 53. — *Reeve* t. 3. f. 12. — India.)	Pneum. II. p. 31.	232.
14. parvus Pears. (Coll. 54. — *Reeve* t. 3. f. 15. — India.)	- - - 31.	233.
15. pullatus Bens. (*Reeve* t. 3. f. 16. — Birmania.)	- - - 31.	234.
16. Cetra Bens. (*Reeve* t. 3. f. 11. — Birmania.)	- - - 32.	235.

17. **? Pt. Batchianensis Reeve.** † 236.

„Pter. testa perampliter aperte umbilicata, subdiscoidea, fulvo-castaneo tincta et undata, anfractibus rotundatis, dense striatis, superne obscure spiraliter liratis et malleatis; apertura parviuscula, sinu sublate dilatato." (R.) — Diam. maj. 23, alt. 11 mill. (ex. ic.)

Pterocyclos Batchianensis Reeve Conch. ic. sp. 6. t. 2.

Habitat in insula Batchian.

§. 4.

18. Blandi Bens. † (*Reeve* t. 2. f. 7 ? — Pulo Penang.)	Pneum. II. p. 32.	237.
19. Troscheli Bens. † (Ceylon.)	- - - 32.	238.

V. Alycaeus Gray.

Pfr. Mon. Pneum. p. 119. Suppl. p. 32. Conf. *Bens.* in Ann. and Mag. nat. hist. Mart. 1859. p. 176, quo duce genus permultis novis speciebus ampliatum in tres sectiones dividimus, et *W. T. Blanford* in Ann. and Mag. nat. hist. Jun. 1864.*)

A. *Alycaeus.* Anfractus ultimus subremote ab apertura constrictus, ad utrumque constrictionis tumidus.

a. Subpyramidales	§. 1. Nr. 1— 5.
b. Globoso- vel ovato-conici . . .	§. 2. Nr. 6—10.
c. Subtrochiformes	§. 3. Nr. 11—12.
d. Conoideo-depressi	§. 4. Nr. 13—22.

B. *Charax***) *Bens.* Constrictio lata,

*) Animal speciei alicujus ab A. Adams in Ann. and Mag. nat. hist. 1861. 3 d. ser. VII. p. 196. decriptum invenies.

**) χάραξ, palus, vallus.

aperturae contigua, magis minusve distanter ab illa partita crista interne cava.

a. Subturbinati . . . . §. 5. Nr. 23—25.
b. Depressi . . . . §. 6. Nr. 26—33.

C. *Dioryx*) Bens.* Constrictio angusta immediate pone aperturam, tubo suturali peristomati approximato.

a. Globoso- vel ovato-conici . . §. 7. Nr. 34—37.
b. Depresso-turbinati . . . . . §. 8. Nr. 38—39.

§. 1.

239. 1. gibbus Fer. (Coll. 55. — Cochinchina.) . . . Pneum. II. p. 33.
240. 2. pyramidalis Bens. (Burma.) . . . . . . - - - 33.

241. 3. **A. Mouhoti Pfr.**

T. anguste umbilicata, subpyramidalis, solidula, opaca, densissime capillaceo-striata, carneo-albida; spira turbinata, apice obtusulo lutescens; sutura profunda; anfr. $4^1/_2$ convexi, ultimus irregulariter inflatus, saccatus, 3 mill. pone aperturam subito constrictus, a strictura canalem longum, in sutura retrocedentem emittens, tum sensim dilatatus et costulis nonnullis distantibus munitus; apertura obliqua, subcircularis; perist. duplicatum: internum continuum, breviter adnatum, externum fornicato-reflexum, latere sinistro subangulatim dilatatum. — Operc. concolor. — Diam. maj. $7^2/_3$, min. $6^1/_3$, alt. $5^1/_4$ mill. Ap. diam. (excluso perist.) $2^3/_4$ mill. (Coll. Nr. 56.)

Alycaeus Mouhoti Pfr. in Proc. Zool. Soc. 1862. p. 275. t. 36. f. 1. 2.
— — *Pfr.* Novit. conch. I. p. 228. Nr. 339. t. 59. f. 9—11.

Habitat in montibus Lao dictis Cambojae (Mouhot).

242. 4. **A. Jagori Martens.**

T. umbilicata, conica, tenuiuscula, confertim costulato-striata, vix diaphana, pallide flavida; spira regulariter turbinata, versus apicem acutiusculum virenti-sulphurea; sutura profunda; anfr. 6 perconvexi, ultimus latere gibboso-inflatus, 4 mill. pone aperturam constrictus, tubulum suturalem brevissimum emittens, antice iterum inflatus, descendens; umbilicus excentricus, latere

*) *διόρυξ, διόρυγμα*, fossa.

anfractus ultimi angustatus, pervius; apertura perobliqua, subcircularis; perist. duplex: internum continuum, externum undique expansum, ad anfr. contiguum interruptum. — Operc. tenue, corneum, arctispirum, extus parum concavum, loco stricturae collocatum. — Diam. maj. 6, min. 5, alt. 6 mill. Ap. intus $2^1/_2$ mill. diam. (Coll. Nr. 57.)

Alycaeus Jagori Martens in Malakoz. Bl. VI. 1859. p. 208. VII. 1860. t. 3. f. 5–7.

Habitat in insula Java (F. Jagor).

5. A. Hochstetteri Pfr. 243.

T. umbilicata, turbinata, tenuiuscula, conferte costulato-striata, non nitens, virenti-flava; spira regulariter turbinata, apice obtusiuscula; anfr. $5^1/_2$ convexi, ultimus 4 mill. pone aperturam constrictus, pone stricturam tubulo brevissimo suturam non excedente munitus, gibboso-inflatus, antice iterum subinflatus; apertura perobliqua, circularis, superne obsolete angulata; perist. albo-callosum, distincte duplicatum: internum continuum, breviter porrectum, externum patens, juxta umbilicum subcompressum excisum. — Diam. maj. $6^1/_3$, min. 5, alt. $4^2/_3$ mill. Apert. intus 2 mill. diam. (Coll. Nr. 58.)

Alycaeus Hochstetteri Pfr. in Malakoz. Bl. VII. 1860. p. 215. t. 3. f. 1—4.

Habitat in montibus Nungnang insulae Javae (Hochstetter).

Obs. Peraffinis praecedenti, a quo praecipue differt statura, ratione altitudinis, anfractu ultimo angustiore, apertura superne subangulata.

§. 2.

6. A. pilula Gould. † 244.

„T. parva, ovato-conica, imperforata, rufescens, striis numerosis (sub lente) cincta; anfr. 4 rotundatis, ultimo constricto; sutura profunda. Apertura circularis, anfr. proximum vix attingens; fauce valde contracto; peristomate modice reflexo; fistula suturali exili valde appressa. — Operc. corneum, arcte spirale, apice centrali. — Axis $^1/_4$, diam. $^1/_5$ poll.“ (G.)

Alycaeus pilula Gould in Proc. Bost. Soc. VI. Febr. 1859. p. 424; Otia conch. p. 103.

Habitat Hongkong.

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7. constrictus Bens. (Himalaya.) . . . . . . Pneum. II. p. 35. 245.

246. 8. **A. graphicus Blanford.** †

„Testa perforata, ovato-globosa, tenuis, pallide fulva, costulis filaribus subremotis sinuatis ornata. Spira ovato-conoidea, lateribus convexis, apice obtusula, sutura impressa. Anfr. 4, rotundati, 2 primi lente, penultimus et ultimus celerius accrescentes, ultimus ad latus vix tumidus, pone stricturam spatio brevissimo confertius costulatus, tubulum suturalem brevissimum gerens. Spatium constrictum laeve, costula filiformi una medio plerumque signatum, prope aperturam tumidius. Apertura vix obliqua, majuscula, circularis; peristoma duplex; interno breviter porrecto, continuo; externo expanso, retro relicto, ad umbilicum reflexo, perforationem partim celante. — Diam. maj. 3, min. 2½, alt. 3 mill. Apert. diam. 1½ mill.“ (B.)

Alycaeus graphicus W. T. Blanf. Contrib. to Ind. Malac. III. 1862. p. 3.

Habitat in montibus Arakanensibus provinciam Burmanam Pegu ab Arakan secernentibus.

247. 9. **A. Otiphorus Benson.** †

„T. perforata, ovato-globosa, minutissime confertim striata, cinereo-cornea; spira conica, apice obtusiusculo, rutilo, sutura valde impressa; anfr. 4 convexis, ultimo ventricoso, ab apertura subremote constricto, tum pone labrum tumidiusculo, laevigato, tubulum brevissimum suturalem gerente; apertura vix obliqua, peristomate duplici, interno continuo, expanso, interdum breviter porrecto, externo dilatato, reflexo, ad umbilicum processu auriculari brevi, subito reflexo, perforationem subtegente munito. — Operc. normale, concaviusculum, planatum. — Long. 4½, diam. obliq. 4 mill.“ (B.)

Alycaeus Otiphorus Bens. in Ann. and Mag. nat. hist. 3d. ser. III. (Mart. 1859.) p. 178.

Habitat ad Pankabari (1000 ped. alt.) et in valle Rungun (4000 ped.) prope Darjiling Himalayanum.

Obs. Forma similis *A. Amphorae* et *constricto.*

248. 10. **A. Bembex Benson.** †

„T. umbilicata, ovato-conica, laevigata, hic illic striatula, striis ventriculi confertis, ad umbilicum striatula, hyalina?; spira elevato-conica, sutura profunda, apice acutiusculo; anfr. 5, valde convexis, ultimo compresso-rotundato, pone stricturam modice tumido, tubulum suturalem brevissimum gerente, pone

aperturam rursus tumidulo; apertura obliqua, subcirculari, peristomate simplici, tenui, undulato, expansiusculo, subreflexo, superne leviter emarginato. — Operc.? — Diam. maj. 4, min. 3, axis 4, long. 5 mill.“ (B.)

Alycaeus Bembex Bens. in Ann. and Mag. nat. hist. 3d. ser. III. (Mart. 1859.) p. 178.

Habitat in valle Rungun.

§. 3.

11. A. Vulcani Blanford. 249.

T. anguste umbilicata, subtrochiformis, tenuiuscula, superne et antice subdistanter, in parte majore anfr. ultimi confertius chordato-costata, sordide albida; spira turbinata, vertice subpapillato; anfr. $4^1/_2$ convexi, ultimus 2 mill. pone aperturam irregulariter, praesertim subtus, inflatus, tubulum suturalem elongatum retromittens, tum breviter constrictus (parte constricta sublaevigata), antrorsum denuo campanulato-expansus; apertura subdiagonalis, oblique oblongo-rotundata, basi subcanaliculata; perist. subsimplex, ad anfr. contiguum subinterruptum, caeterum anguste expansum. — Diam. maj. $4^3/_4$, min. $4^1/_3$, alt. $3^1/_2$ mill. (Coll. Nr. 59.)

Alycaeus Vulcani W. T. Blanford in sched.

Habitat Ava.

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12. sculptilis Bens. (India.) . . . . Pneum. II. p. 35. 250.

§. 4.

13. A. Andamaniae Benson. 251.

„T. aperte umbilicata, conoideo-depressa, remote radiato-plicatula, plicis regionis inflatae confertis costulatis, superne subtusque rugis flexuosis spiralibus remotiusculis sculpta, ferrugineo-rubente, apice rubido, subtus pallidiore, pone aperturam cornea; spira primo planiuscula, apicem versus papillarem obtusum exserta, sutura profundiuscula; anfr. 4, convexis, ultimo rotundato antice descendente, tubulo suturali retroverso brevi; apertura majuscula circulari integra; perist. subduplici, margine undique expansiusculo, extus fuscato. — Operc.? — Diam. maj. 5, min. 4, alt. 3 mill.“ (B.)

Alycaeus Andamaniae Bens. in Ann. and Mag. nat. hist. 3 d. ser. VII. (1861. Jan.) p 28.

Habitat ad portum Blair insulae Andamanicae (Haughton).

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252. 14. umbonalis Bens. (Coll. 60. — Diam. maj. 12, min. 10, alt. $5^1/_2$ mill. — Burma.) . . . . Pneum. II. p. 36.

253. 15. **A. Physis Benson.** †

„T. mediocriter umbilicata, conoideo-depressa, tenui, regulariter planato-striata, striis opacis, minime elevatis, confertissimis, ad umbilicum perspectivum nonnullis elevatis acutis, hyalina, nitida; spira brevi, apice subpapillari, sutura impressa; anfr. 4 subconvexis, ultimo ad latus, pone constrictionem, valde inflato, tubulum suturalem elongatum gerente, pone labrum tumidiusculo; apertura obliqua, subcirculari; perist. duplici, interno breviter expanso, incrassato-reflexo externum celante, marginibus callo parietali expansiusculo semicirculari junctis. Operc.? — Diam. maj. 10, min. 8, axis 6 mill.“ (B.)

Alycaeus Physis Bens. in Ann. and Mag. nat. hist. 3 d. ser. III. (Mart. 1859) p. 179.

Habitat in valle Rungun prope Darjiling.

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254. 16. prosectus Bens. (India.) . . . . Pneum. II. p. 36.

255. 17. **A. Ingrami Blanford.**

T. sublate umbilicata, conoideo-depressa, solidula, superne subconferte, in ultimo anfractu confertissime costulata, albida; spira conoidea, vertice carneo, subpapillato; anfr. 4 modice convexi, ultimus subdepresse rotundatus, fere 2 mill. pone aperturam inflatus et tubulum longiusculum suturalem retromittens, tum constrictus et antrorsum sensim denuo dilatatus, non descendens; apertura parum obliqua, circularis; perist. duplex: internum continuum, porrectum, breviter adnatum, externum subaequaliter rectangule patens, — Diam. maj. 6, min. 5, alt. 3 mill. (Coll. Nr. 61.)

Alycaeus Ingrami W. T. Blanf. Contrib. to Ind. Malac. III. 1862. p. 1

Habitat prope Tongoop in Arakan.

18. A. Caroli Semper. 256.

T. sublate umbilicata, subconoideo-depressa, confertissime costulata et striis distantioribus spiralibus sculpta, albida; spira parum elevata, vertice papillatim prominente; anfr. 4 convexi, ultimus depresse rotundatus, e strictura levi ab apertura remota tubulum suturalem mediocrem retromittens, antice inflatus, deflexus; apertura diagonalis, circularis; perist. subaequaliter expansum, ad anfr. contiguum angustatum. — Diam. maj. $4^2/_3$, min. 4, alt. 2 mill. (Coll. Dohrn.)

Alycaeus Caroli Semper in Journ. Conch. X. 1862. p. 148.

Habitat Digallorin in parte septentrionali insulae Luzon, ubi testas modo inanes legit C. Semper.

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19. armillatus Bens. (Burma.) . . . . Pneum. II. p. 37. 257.

20. A. humilis Blanford. † 258.

„Testa aperte umbilicata, turbinato-depressa, laevis, rubello-succinea, ad apicem sanguinea. Spira conoidea, apice obtusula, sutura profunda. Anfr. $3^1/_2$ rotundati, ultimus ad latus mediocriter inflatus et confertim costulatus, tum constrictus, versus aperturam breviter descendens. Strictura glabra, longa, antice tumidior. Tubulum suturale breve, $^1/_6$ peripheriae subaequans. Apertura obliqua, circularis; peristoma duplex; externo retrorelicto, interno continuo, porrecto, fere soluto. — Operc. corneum, multispirum, externe concavum. — Diam. maj. $2^1/_2$, min. 2, alt. $1^1/_2$, apert. diam. $^2/_3$ mill.“ (Bl.)

Alycaeus humilis W. T. Blanford Contrib. to Ind. Malac. III. 1862. p. 2.

Habitat ad Akouktong, ad ripas fluminis Irawaddi, in provincia Burmana Pegu.

21. A. Theobaldi Blanford. † 259.

„Testa aperte umbilicata, conoideo-depressa, corneo-albida, translucens, costulis elevatis, sinuatis, remotis ornata, inter costulas striatula. Spira depresso-conica, apice obtusula, sutura impressa. Anfr. $3^1/_2$ convexi, ultimus ad latus mediocriter tumidus, ibidem confertissime costulatus. Spatium constrictum longum, striatulum, medio tumidum. Tubulum suturale mediocre, $^1/_4$ peripheriae subaequans. Apertura obliqua, expandens,

circularis; peristoma ad anfractum penultimum breviter interruptum, marginibus callo junctis, duplex; externo expansulo, interno breviter porrecto. — Operc. corneum, multispirum, externe perconcavum, nucleo centrali interno prominente papillari. — Diam. maj. 4, min. $3^1/_4$, alt. $2^1/_2$, apert. diam. $1^1/_4$ mill.“ (Bl.)

Alycaeus Theobaldi W. T. Blanf. Contrib. to Ind. Malac. III. 1862. p. 8.

Habitat cum *A. hebeti* in montibus Khasi (W. Theobald jun.)

Obs. Species characteribus ad sectionem *Characem* accedens.

260. 22. **A. longituba Martens.** †

„Testa perspective umbilicata, conoideo-depressa, conferte striata, alba; spira paulum prominens, obtusa; anfr. $4^1/_2$, convexi, ultimus inflatus, $2^1/_2$ millim. ante aperturam constrictus et tubulo in ipsa sutura recurrente 2 millim. longo munitus, inter stricturam et aperturam cristis duabus obliquis, altera abbreviata, instructus; apertura perobliqua, subcircularis; peristoma duplex, externum reflexum, tenue, album, internum porrectum, incrassatum, aurantium. — Diam. maj. 6, min. $4^1/_3$, alt. 4, apert. diam. $1^1/_2$ mill.“ (v. M.)

Alycaeus longituba Mart in Monatsber. Berl. Ak. 25. Febr. 1864.

Habitat prope Kepahiang insulae Sumatrae.

Obs. Characteres cum sectione prima non omnino quadrare videntur, et species descripta novae forsan sectionis typum praebebit.

§. 5.

261. 23. **A. succineus Blanford.** †

„Testa aperte umbilicata, depresse turbinata, acute sinuato-costulata, succinea, translucens. Spira conoidea, apice obtusula, sutura impressa. Anfr. 4, ultimus ad latus inflatus, ibidem confertissime costulatus. Strictura longa, medio tumida, et 2 vel 3 costulis obliquis, sulculis internis correspondentibus, signata. Tubulum suturale mediocre, $^1/_4$ peripheriae subaequans. Apertura obliqua, irregulariter circularis, superne subangulata; peristoma duplex: interno continuo, incrassato, expansulo, margine dextro bis obtuse angulato, ad basin canaliculo haud intrante perforato; externo breviter expanso, retro relicto. — Diam. maj. 5, min. 4, alt. $3^1/_4$, apert. diam. $1^1/_2$ mill.“ (Bl).

Alycaeus succineus W. T. Blanford Contrib. to Ind. Malac. III. p. 5.

Habitat in montibus Arakanensibus.

24. **A. polygonoma Blanford.** † 262.

„Testa aperte et perspective umbilicata, turbinata, radiato-striata, rubello-succinea. Spira conica, apice obtusula, sutura profunda. Anfr. 4 rotundati, ultimus ad latus valde inflatus, ibidem confertissime et acute costulatus; spatium constrictum longitudinis mediocris, costulato-striatum, medio in costam prominentem, intus cavo-sulcatam, 2 vel 3 costulis signatam, tumescens. Tubulum suturale mediocre, $^1/_4$ peripheriae subaequans. Apertura obliqua, polygonali-circularis, basi valde antice sinuata; peristoma duplex; interno vix porrecto, margine dextro ter subangulato, basi subcanaliculato; externo incrassato-expansulo, processu brevi, acuto, basali munito. — Diam. maj. 5, min. $4^1/_4$, alt. $3^1/_2$, apert. diam. $1^3/_4$ mill." (Bl.)

Alycaeus polygonoma W. T. Blanf. Contrib. to Ind. Malac. III. 1862. p 6.

Habitat in montibus Arakanensibus (Ingram).

25. **A. nitidus Blanford.** † 263.

„Testa anguste umbilicata, depresse turbinata, solidula, fulvo-cornea, nitida, polita, translucens. Spira conoidea, lateribus convexis, apice obtusa, sutura impressa. Anfr. 4 convexi, apice obtusa, sutura impressa. Anfr. 4 convexi, ultimus ad peripheriam subangulato-compressus, subtus planulato-convexus, ad latus breviter tumidus, ibidem confertissime costulatus. Spatium constrictum longum, nitidum, lira retro-recumbente, parum elevata, prope regionem inflatam munitum. Tubulum suturale breve. Apertura diagonalis, undata, circularis. Peristoma ad basin antice, superne prope anfractum penultimum retro sinuatum, duplex; interno continuo, breviter porrecto, basi canaliculato; externo expanso, retro relicto, in processum auriformem subtus producto. — Operc. tenue, corneum, multispirum. — Diam. maj. $3^1/_2$, min. 3, alt. $2^1/_3$, apert. diam. 1 mill." (Bl.)

Alycaeus nitidus W. T. Blanford Contrib. to Ind. Malac. III. 1862. p. 7.

Habitat prope Tongoop in Arakan.

§. 6.

26. hebes Bens. (India.) . . . . Pneum. II. p. 37. 264.

265. 27. **A. Gemmula Benson.** †

„T. umbilicata, conoideo-depressa, laevigata, nitida, ad ventriculum minutissime ad umbilicum crasse striata, hyalina; spira conoidea, apice obtusiusculo, sutura profunda; anfr. 4 convexiusculis, ultimo compresse rotundato, tum tumido, tubulum mediocrem gerente, tunc fossiculato-constricto, strictura crista recumbente, demumque area planata ab apertura separata; apertura obliqua, superne arcuatim prominente, perist. duplici, valde incrassato-reflexo, intus superne ad angulum et infra ad basin leviter emarginato, umbilico profundo. — Operc.? — Diam. maj. $2^1/_4$, min. $1^1/_2$, axis $1^1/_2$ mill.“ (B.)

Alycaeus Gemmula Bens. in Ann. and Mag. nat. hist. 3 d. ser. III. (Mart. 1859) p. 179.

Habitat rarissime in valle Rungun.

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266. 28. stylifer Bens. (Himalaya.) . . . . Pneum. II. p. 37.
267. 29. spiracellum A. Ad. (Borneo.) . . . . - - - 35.
268. 30. strangulatus Hutt. (Coll. 62. — India.) . . - - - 37.

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269. 31. **A. expatriatus Blanford.** †

„T. mediocriter umbilicata, depressa, ad anfractus internos obsolete, ad ultimum fortius, ad spatium inflatum valde, crebre costulata, corneo-albida, apice diaphane rubella; spira vix elevata, apice obtusa; sutura impressa; anfr. $3^1/_2$ convexi, ultimus ad latus mediocriter inflatus, deinde constrictus; constrictione longa, medio tumida, glabra; tubulum suturale pone constrictionem oriens, mediocriter longum, plerumque $^1/_5$ peripheriae subaequans, sed nonnullis exemplis brevius; apertura circularis, obliqua, juxta anfr. penultimum retro curvatum; perist. duplex; internum breviter porrectum, continuum, externum expansum, interruptum, columellari margine strictum. — Operc. corneum, distincte multispirum, anfr. 7—8 planulatis, externe perconcavum, nucleo centrali interno prominente papillari. — Diam. maj. $4^1/_2$, min. $3^3/_4$, alt. $2^1/_2$, apert. diam. $1^3/_4$ mill.“ (Bl.)

Alycaeus expatriatus (Charax) *W. T. & H. F. Blanf.* Contrib. to Ind. Malac. I. 1860. p. 7. II. 1861. p. 3.

β. Major, diam. maj. $5^1/_2$, min. $4^1/_2$ mill.

Habitat haud raro ad „Neddoowuttom ghat" ad latus septentrionale montium „Nilgiri" Indiae australis et circa 3000—4000 ped. alt. (Blanf.); var in montibus „Shevroy Hills" (King).

32. A. Footei Blanford. † 270.

„Testa aperte umbilicata, depressa, solida, ad anfractus internos striata, ad ultimum costulato-striata, ad spatium inflatum crebre costulata; spira vix elevata, apice obtusula; sutura parum impressa. Anfr. 4 convexi; ultimus ad latus mediocriter gibbosus, deinde constrictus, prope aperturam descendens; spatium constrictum longum, medio tumidum, striatum, costam validam retro recumbentem, peristomatis marginem dextrum ad basin attingentem, gerens; tubulus suturalis juxta constrictionem oriens, mediocris, $^{1}/_{5}$ peripheriae subaequans. Apertura perobliqua, circularis, undata; perist. duplex; interno breviter porrecto, continuo; externo late expanso. — Operc.? — Diam. maj. 6, min. $4^{1}/_{2}$, alt. 3, apert. diam. $1^{3}/_{4}$ mill." (Bl.)

Alycaeus Footei W. T. & H. F. Blanford Contrib. to Ind. Malac. II. 1861. p. 2. t. 1. f. 3.

Habitat in montibus „Kolamullies" dictis Indiae australis (W. King).

Obs. „Affinis *A. expatriato*, sed crista valida constrictionis, sutura planiore, apertura magis obliqua, etc. discrepans."

33. A. plectocheilus Benson. † 271.

„T. aperte umbilicata, depresso-turbinata, confertim striatula, striis nonnullis ad suturam elevatis, nitente, subpellucida, rufescenti-albida; spira brevi, depresso-conoidea, apice obtuso, sutura impressa; anfr. $3^{1}/_{2}$ convexis, ultimo rotundato, profunde constricto, tubulum mediocrem gerente, strictura angusta elevata, intus cavo-sulcata, peristoma expansum simulante, ab apertura separata; apertura vix obliqua, subcirculari, perist. duplici, margine columellari leviter incrassato-reflexo, dextrali valde incrassato-porrecto, fortiter acutangulatim crispo-plicato, plicis 5 aperturam arctantibus, marginibus callo prominente angulato junctis. — Operc.? — Diam. maj. $2^{1}/_{2}$, min. 2, axis vix 2 mill." (B.)

Alycaeus plectocheilus Bens. in Ann. and Mag. nat. hist. 3 d. ser. III (Mart. 1859) p. 180.

Habitat in valle Rungun.

§. 7.

272. 34. Amphora Bens. (Burma.) . . . . Pneum. II. p. 34.
273. 35. Urnula Bens. (Himalaya.) . . . . - - - 34.

274. ### 36. A. bacca Pfr.

T. breviter rimata, globoso-turbinata, sublaevigata, parum nitida, cereo-albida; spira regulariter turbinata, apice acutiusculo cornea; sutura profunda; anfr. vix ultra 4 convexi, ultimus levissime capillaceo-striatus, perinflatus, ad aperturam valde constrictus, e strictura canalem mediocrem, in sutura retrocedentem emittens; apertura verticalis, spira brevior, circularis; perist. album, continuum, breviter adnatum, anguste expansum, margine dextro subduplicatum. — Operc. planum, multispirum, fulvum, nucleo rubro. — Diam. maj. 7, min. $6^1/_4$, alt. $7^1/_2$ mill. Ap. diam. $3^1/_3$ mill. (Coll. Nr. 63.)

Alycaeus bacca (Dioryx) *Pfr.* in Proc. Zool. Soc. 1862. p. 275.
— — *Pfr.* Novit. conch. I. p. 229. Nr. 332. t. 59. f. 12—14.

Habitat in montibus Lao dictis Cambojae (Mouhot).

Obs. Proxime affinis videtur *A. Urnulae Bens.*

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275. 37. distortus Hain. † (Siam. — An huc pertinens?) Pneum. II. p. 33.

§. 8.

276. ### 38. A. vestitus Blanford. †

„Testa subanguste umbilicata, turbinata, solida, epidermide decidua, crassa, subtestacea, sordide albida, conferte, ad spatium inflatum confertissime costulata, induta, sub epidermide rubella, laevis, spatio inflato costulato-striata. Spira conoidea, apice obtusa, sutura impressa. Anfr. $4^1/_2$ rotundati, ultimus teres, ad latus parum inflatus. Strictura brevis, versus aperturam vix tumidior. Tubulum suturale mediocre. Apertura fere verticalis, circularis, majuscula; peristoma duplex; interno continuo, externo expansulo, ab interno sulco separato, ad anfr. penultimum breviter interrupto. — Diam. maj. 5, min. $3^1/_2$, alt. vix 3, apert. diam. $1^1/_2$ mill.“ (Bl.)

Alycaeus vestitus W. T. Blanf. Contrib. to Ind. Malac. III. 1862. p. 4

Habitat in montibus Arakanensibus.

Obs. Sectio dubia; an *A. graphico* affinior?

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39. **A. crenulatus Benson.** † 277.

„T. umbilicata, depresso-turbinata, dense oblique costulata; spira conoidea, sutura profundiuscula, apice papillari; anfr. 4 convexis, ultimo rotundato, ad latus inflato, eo costulis confertioribus ornato, tum juxta peristoma breviter constricto, laevi, tubulo suturali elongato non procul ab apertura oriente munito, apertura vix obliqua, circulari; peristomatis labro subduplici incrassato, exteriore reflexo, interiore crenulato, quadriplicato aperturam vix coarctante, labio simplici, tenui, marginibus callo crasso prominente junctis; umbilico profundo, margine rotundato. — Operc.? — Diam. maj. 4, min. $3^1/_3$, axis 3 mill.“ (B.)

Alycaeus crenulatus Bens. in Ann. and Mag. nat. hist. 3d. ser. III. (Mart. 1859) p. 180.

Habitat in valle Rungun.

VI. ? Opisthostoma Blanford.

„Testa operculata ? Anfractibus apicalibus obliquiter deflexis, anfractu ultimo constricto, deinde inflato, denique sinistrorsim ascendente, anfractibus superioribus contiguo; apertura reversa, rotundata, continua; peristomate duplicato.“

Opisthostoma W. T. & H. F. Blanford Journ. Asiat. Soc. Beng. XXIX. 1861. p. 121; Contrib. to Ind. Malac. I. p 5.

„Novum genus Operculatorum?, inter Alycaeum et Diplommatinam medium.“ (Bl.) Cf. *Dohrn* in Malak. Bl. X. 1863. p. 39, et *W. Blanford* in Ann. and Mag. nat. hist. Jun. 1864.

Species unica:

1. **O. Nilgirica Blanford.** † 278.

„Testa minima, truncate pupiformis, anguste umbilicata; spira irregulari, apice obtusa, obliqua, sutura profunda; costulata, interspatiis minutissime decussatis, albida, translucens. Anfractus rotundati, 5, quorum duo primi obliquiter contorti; ultimus constrictus, deinde inflatus, refractus, ascendens, denique sinistrorsus, anfractum penultimum contingens. Apertura subobliqua, superne versata, orbicularis. Peristoma continuum, incrassatum, duplicatum. — Diam. maj. 1, 3, alt. 1, 1 mill.“ (Bl.)

Opisthostoma Nilgirica W. & H. Blanford l. cit. c. tab.

Habitat apud Pykara ad summos montes „Nilgiri“ inter folia caduca humida sylvarum.

VII. Hybocystis Benson.

„Testa distorte ovata; anfractus penultimus antice supra aperturam planatus; apertura (speciei typicae) circularis, callum internum superne sinuatum, a peristomate interiori sulco profundo excavato, divisum, exhibens.

Operculum testaceum crassum, extus concaviusculum, plurispiratum, anfractibus sensim accrescentibus, ultimo extus aetate sensim attenuato, junioris abrupte desinente, intus $1\frac{1}{2}$-spiratum, epidermide cornea nitida vestitum, medio foveato-umbonatum, anfractu ultimo elevato priores partim celante.“

Hybocystis (novum genus Cyclostomidarum) *Bens.* in Ann. and Mag. nat. hist. 3d. ser. IV. (Aug. 1859.) p. 90. Cf. *Benson* ibid. Aug. 1860.

— *Pfr.* Novit. conch. I. p. 124.

— *W. T. Blanford* in Ann. and Mag. nat. hist. Jun. 1864.

Pollicaria (novum genus) *Gould**) in Proc. Bost. Soc. 1856. Oct. p. 13; Otia conch. p. 221 ex parte. (Includens typum *Rhaphauli Chrysallidis.*)

Subgenus vel genus Gouldianum etsi prioritate gaudens, absque cognitione operculi solum e similitudine formationis testarum nonnullarum propositum est, quamobrem genus Bensonianum, exacte circumscriptum, adoptandum et subfamiliae Cycloteorum injungendum videtur.

Species perfecte cognitae sunt 2, cum tertia deficiente operculi cognitione dubia.

279. 1. **H. gravida Benson.** †

T. perforata, pupaeformis, distorta, solida, laeviuscula, vix striatula, fusco-albida; spira distorto-ovata, apice conoideo-obtuso; sutura impressa, marginata; anfr. 6 convexi, penultimus elongatus, supra aperturam planatus, dorso gibbus, ultimus angustior, antice breviter et subito ascendens; apertura

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*) Shell subperforate, chrysallidiform, ventrally flattened; spire leaning; aperture subcircular, truncate posteriorly within the peritreme. (G.)

leviter sursum spectans, circularis, fauce fusca; perist. albidum, incrassatum, superne angulatum, expansum et reflexiusculum, intus late sulcatum, tum calloso-marginatum, callo interiore dextrorsum superne angulato-sinuato, sutura canalis obsoleti ad angulum anticum raro apparente. — Operc. typicum. — Long. 35, diam. anfr. penult. 20 mill. Apert. diam. (excluso perist.) 11 mill. (Coll. Nr. 64.)

Megalomastoma gravidum Bens. in Ann. and Mag. n. h. 2 d. ser. XVII. (Mart. 1856.) p. 229.
— — *Pfr.* Mon. Pneum. Suppl. p. 79.
Cyclostoma pollex Gould Proc. Bost. Soc. VI. 1856. Oct. p. 13; Otia conch. p. 221.
Hybocystis gravida Bens. in Ann. and Mag. n. ser. IV. (Aug. 1859.) p. 91.
— — *Pfr.* Novit. conch. I. p. 123. n. 214. t. 35. f. 1. 2.

β. Minor, rufo-carnea, anfr. $5^1/_2$; long. 27, diam. $14^1/_2$ mill (*Pfr.* Novit. conch. t. 35. f. 3. 4.)

Habitat Moulmein Birmanorum (Theobald).

Obs. Specimina juniora quondam sub nomine *Otopomatis Blenni* a Cl. Benson descripta sunt (conf. *Pfr.* Mon. Pneum. Suppl. p. 111), quare haec species, monente ipso Auctore (Ann. and Mag. n. h. Aug. 1859) omnino delenda est.

2. **H. Mouhoti Pfr.** 280.

T. subumbilicata, compresse pupaeformis, solida, striatula, saturate fusco-violacea; spira irregulariter oblonga; anfr. 6, primi 4 convexiusculi, conum subregularem formantes, penultimus multo longior, ultimus latere aperturae complanatus, tum profunde descendens, foveolato-malleatus, antice arcuatim ascendens; apertura obliqua (basi axin excedens), angulato-ovalis, intus purpurascenti-fusca; perist. rufo-aurantiacum, incrassatum, duplicatum et reflexum, margine parietali subhorizontali, dextro ad angulum insertionis sursum producto. — Operc. testaceum, pagina interna castaneo-callosa. — Long. 35, diam. 17 mill. Ap. c. perist. 13 mill. alta, $14^3/_4$ lata. (Coll. Nr. 65.)

Hybocystis Mouhoti Pfr. in Proc. Zool. Soc. 1862. p. 276. t. 36. f. 13.
— — *Pfr.* Novit. conch. I. p. 227. Nr. 330. t. 59. f. 5—8.

Habitat in montibus Lao dictis Cambojae (Mouhot).

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3. Myersi Hain. † (*Pollicaria Myersii Gould* in Proc. Bost. Soc. VI. p. 13; Otia conch. p. 221. — *Megalomastoma Myersi Hain.*, *Pfr.* — Siam.) . . . . Pneum. II. p. 79. 281.

Subfam. II. Cyclophorea.

Pfr. Mon. Pneum. Suppl. p. 38.

VIII. Craspedopoma Pfr.

Pfr. Mon. Pneum. p. 51. Suppl. p. 38.

Species:

282. 1. lucidum Lowe. (Coll. 66. — Madera. — *β.* Testa minore, flavescente: *Cyclostoma flavescens Lowe* in sched.) . . . . Pneum. II. p. 18.

283. 2. **C. Monizianum Lowe.**

T. subarcuato-rimata, conica, solidula, levissime striatula, rufa; spira regulariter conica, vertice acuto; anfr. $5^1/_2$ convexi, ultimus vix major, rotundatus, antice brevissime solutus, subangustatus; apertura subverticalis, circularis; perist. rectum, intus subduplicatum. — Operc. praeced. — Diam. maj. 5, min. $4^1/_2$, alt. $5^1/_2$ mill. (Coll. Nr. 67.)

Cyclostoma Monizianum Lowe in Ann. and mag. nat. hist. Aug. 1860.

Habitat sub lapidibus in petrosis aridis maritimis insulae Maderae (De Paiva).

Obs. Differt a *Cr. lucido* forma elevatiore conica, minus inflata, rima longiore, etc.

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284. 3. Lyonnetianum Lowe. (Coll. 68. — Madera.) Pneum. II. p. 38.
285. 4. costatum Shuttl. (Coll. 69. — Ins. Canar.) . - - - 38.

286. 5. **C. hespericum Morelet & Drouet.**

T. anguste umbilicata, globoso-conica, solidula, striolata, parum nitens, castaneo- vel luteo-cornea; spira turbinata, acuminatiuscula; anfr. $4^1/_2$ convexi, ultimus peripheria subangulatus, basi planior; apertura obliqua, subcircularis; perist. continuum, simplex, vix expansiusculum. — Operc. planum, arctispirum. — Diam. maj. 4, min. $3^1/_2$, alt. $3^1/_3$ mill. (Coll. Nr. 70.)

Cyclostoma hespericum Mor. & Drouet in Journ. Conch. VI. 1857. p. 152.
Cyclostomus ? hespericus Pfr. Mon. Pneum. Suppl. p. 122.
Habitat in insulis Azoris.

IX. Aulopoma Troschel.

Pfr. Mon. Pneum. p. 52. Suppl. p. 39. — Cl. Blanford (Proc. Zool. Soc. 1862. p. 108) unicam modo generis speciem in insula Ceylon existere affirmat, statura, elevatione spirae et coloribus variantem; sed operculorum diversitatem evidentem non commemorat!

Species:

1. grande Pfr. (Ceylon.)	Pneum. II. p.	39.	287.
2. Itieri Guér (Coll. 71. — Ceylon.)	- - -	39.	288.
3. sphaeroideum Dohrn. (Ceylon.)	- - -	39.	289.
4. helicinum Chemn. (Coll. 72. — Ceylon?) .	- - -	39.	290.

X. Cyclophorus Montfort.

Pfr. Mon. Pneum. p. 54. Suppl. p. 40.

Conspectus specierum.

I. Pterocycloidei	§. 1.	Nr.	1— 4.
II. Normales.			
A. Peristomate expanso.			
a. Umbilico libero.			
1. Subturbinati,			
α. ecarinati,			
* sublaevigati vel striati	§. 2.	—	5— 24.
** spiraliter sublirati .	§. 3.	—	25— 32.
β. subunicarinati	§. 4.	—	33— 51.
γ. pluricarinati vel costati	§. 5.	—	52— 62
2. Subdepressi,			
α. spiraliter striati vel costati	§. 6.	—	63— 72.
β. decussati	§. 7.	—	73.
γ. striati	§. 8.	—	74— 78.
δ. laevigati	§. 9.	—	79.

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§. 1.

291. 1. brevis Mart. (Coll. 73. — *Cycl. Petiverianum Gray.* — *Cycl. lychnus Morelet* in Rev. et Mag. Zool. 1862. p. 478. — *Pteroc. brevis Crosse et Fisch.* Journ. Conch. XI. p. 364. — *Pteroc. brevis Reeve* t. 1. f. 4. — Ins. Poulo Condor.) . . . . Pneum. II. p. 40.

292. 2. **C. confluens Pfr.**

T. late umbilicata, depressa, solida, striis confertis confluentibus et cruciatis superne sculpta, lutea, fasciis castaneis pallide punctatis, superne confluentibus, subtus distinctis ornata; spira subplana; sutura impressa; anfr. $4^1/_2$ convexiusculi, ultimus antice ad insertionem cucullatim dilatatus; apertura diagonalis, subcircularis, intus albida; perist. subinterruptum, margine supero elevato, sinuato, dextro expansiusculo, basali reflexiusculo, columellari angusto. — Operc. corneum, arctispirum. — Diam. maj. 25, min. $20^1/_2$, alt. 9 mill. (Mus. Cuming).

Cyclophorus confluens Pfr. in Proc. Zool. Soc. 1860. p. 140.
— — *Reeve* Conch. ic. sp. 69. t. 15.

Habitat in insula Borneo.

3. **C. papilio Pfr.** 293.

T. sublate umbilicata, convexo-depressa, solida, striata, alba, maculis castaneis sagittaeformibus et fascia subcontinua infra peripheriam ornata; spira convexa, obtusula; sutura distincte filomarginata; anfr. 5 convexi, ultimus basi albus; apertura fere diagonalis, subcircularis; perist. duplex: internum continuum, breviter adnatum, externum superne dilatatum et subinflexum, latere dextro et sinistro patens. — Operc ? — Diam. maj. 25, min. 20, alt. 13 mill. Ap. diam. 9 mill. (Mus. Cuming.)

Cyclophorus papilio Pfr. in Proc. Zool. Soc. 1861. p. 29.
Pterocyclos parilis Reeve Conch. ic. sp. 2. t. 1.

Habitat . . . ?

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4. pinnulifer Bens. (*Reeve* t. 20. f. 103. — Teria Ghát Indiae.) . . . . Pneum. II. p. 41. 294.

§. 2.

5. **C. Saturnus Pfr.** 295.

T. late umbilicata, depresso-turbinata, solida, oblique striata et sub lente minutissime granulata, albida, fasciis et taeniis variis rufo-fuscis ornata; spira breviter turbinata, vertice minuto, acutiusculo; anfr. $5^1/_2$ rapide accrescentes, convexi, ultimus rotundatus, juxta umbilicum albus; apertura obliqua, subcircularis, intus flavescenti-albida; perist. albidum, latissimum, breviter adnatum, latere dextro fortiter revoluto, sinistro leviter retrorsum fornicato, patente. — Operc. sub-6-spiratum, saturate rufum. — Diam. maj. 63, min. 51, alt. 32 mill. Apert. alt. 26, c. perist. 38 mill. (Mus. Cuming et Coll. Nr. 74).

Cyclophorus Saturnus Pfr. in Proc. Zool. Soc. 1862. p. 116. t. 12. f. 6.

Habitat Camboja (Mouhot).

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6. speciosus Phil. (Coll. 75. — *Reeve* t. 1. f. 4. — Siam, Pegu.) . . . . Pneum. II. p. 41. 296.

7. Siamensis Sow. (Coll. 76. — *Reeve* t. 5. f. 19. — Operc. cartilagineo-corneum, multispirum, crassiusculum, extus concavum, albidum, intus aurantium, nucleo centrali, mammillato, sanguineo: *Mart.* in Proc. Zool. Soc. 1860. p. 10. — Siam.) . . . . - - - 41. 297.

298. 8. aquila Sow. (Coll. 77. — *C. aquilus Reeve* t. 11. f. 45. — Singapore.) . . . . Pneum. II. p. 41.
299. 9. alabastrinus Pfr. (Ceylon.) . . . . - - - 41.
300. 10. Pearsoni Bens. (*Reeve* t. 3. f. 10. — Mont. Khasi et Assam Indiae.) . . . . - - - 42.
301 11. volvulus Müll. (*Reeve* t. 6. f. 24. — India. Cochinchina: *Crosse & Fisch.* Journ. Conch. XI. p. 366.) . . . . - - - 42.
302. 12. Malayanus Bens. (Coll. 78. — *Reeve* t. 1. f. 2. — India.) . . . . - - - 42.

303. 13. **C. Debeauxi Crosse.** †

„T. umbilicata, depresso-turbinata, solidiuscula, laevigata, unicolor, albida; spira elevatiuscula, apice subacuta; anfr. $5^1/_2$ modice convexi, ultimus magnus rotundatus; umbilicus mediocris, pervius; apertura parum obliqua, ampla, subrotundata, intus albida; peristoma expansum, paululum incrassatum, albidum, marginibus reflexis, callo tenui junctis. — Operc.? — Diam. maj. 38, min. 31, alt. 26 mill. Apert. intus verticaliter 14 mill. alta, 16 lata.“ (Cr.)

Cyclophorus Debeauxi Crosse in Journ. Conch. XII. (1864.) p. 42.

Habitat Singapour (Debeaux).

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304. 14. fulguratus Pfr. (Coll 79. c. var. maj. – *Reeve* t. 9. f. 35 a—c.— Pegu.) . . . . Pneum. II. p. 58.

305. 15. **C. patens Blanford.**

T. anguste umbilicata, subgloboso-turbinata, tenuiuscula, sublaevigata, nitida, alba, fascia 1 castanea infraperipherica, interdum taeniis nonnullis superne ornata; spira turbinata, vertice acutiusculo; anfr. $5^1/_2$ convexi, rapide accrescentes, ultimus spira altior; apertura parum obliqua, subcircularis, intus alba; perist. simplex, lutescens, subaequaliter expansum et revolutum, marginibus callo nitidissimo junctis, sinistro subdilatato. — Operc. distincte 6-spiratum, corneum, nucleo centrali interno minime prominente. — Diam. maj. 32, min. 25, alt. 22 mill. Ap. c. perist. 20 mill. alta, 19 lata. (Coll. Nr. 80.)

Cyclophorus patens W. T. Blanf. Contrib. to Ind. Malac. III. 1862. p. 9.

Habitat circa Thayet Myo, Prome et Heuzada in provincia Pegu.

Obs. Affinis *C. fulgurato*, a quo differt testa fere laevigata, anfractu ultimo majore, etc.

16. **floridus** Pfr. (Coll. 81. — *Reeve* t. 4. f. 12. — Siam.) . . . . Pneum. II. p. 43. 306.
17. ? **aequivocus** Pfr. *Cyclostoma aequivocum Reeve* t. 7. f. 40. — Madagascar.) . . . . - - - 43. 307.
18. **exaltatus** Pfr. (Hong Kong. — *C. volvulus var. Reeve.*) . . . . - - - 43. 308.

19. C. Herklotsi Martens. † 309.

„T. umbilicata, conico-turbinata, oblique striata, nitida, brunnea, pallidius marmorata; spira elevata, conica, apice obtusa; anfr. 5, valde convexi, sutura profunda disjuncti, ultimus rotundatus, infra peripheriam fascia nigra cinctus; apertura vix obliqua, circularis, intus fulvescens; perist. simplex, expansiusculum, pallide flavescens, marginibus callo brevi junctis, externo valde curvato, columellari non dilatato. — Operc. tenue, extus concavum, anfr. 8 compositum, intus nitide aureum, centro mammillato. — Alt. $21^{1}/_{2}$, diam. maj. 23, min. 18 mill." (v. M.)

Cyclophorus Herklotsi Mart. in Malak. Bl. VII. 1860. p. 42.

Habitat in Japonia.

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20. **cucullatus** Gould. (Proc. Bost. Soc. VI. Oct. 1856. p. 13; Otia conch. p. 221. — *Reeve* t. 11. f. 44. — Burma.) . . . . Pneum. II. p. 44. 310.
21. **Ibyatensis** Pfr. (*Reeve* t. 12. f. 48. — Ins. Bashee.) . . . . - - - 44. 311.
22. **atramentarius** Sow. (*Reeve* t. 14. f. 62. — Habitat?) . . . . - - - 44. 312.

23. C. Laomontanus Pfr. 313.

T. mediocriter umbilicata, depresso-turbinata, solidula, subtiliter striata, nitidula, fulva, strigis fulguratis pallide rufis ornata, vel in fundo pallido maculis et taeniis castaneis dense variegata; spira turbinata, vertice acuto, nigricante; anfr. 5 convexi, ultimus teres; apertura parum obliqua, subcircularis, superne obsolete subangulata; perist. continuum, breviter adnatum, caeterum aequaliter et anguste expansiusculum. — Operc.? — Diam. maj. 13, min. 11, alt. 9 mill. Ap. diam. $5^{2}/_{3}$ mill. (Mus. Cuming).

Cyclophorus Laomontanus Pfr. in Proc. Zool. Soc. 1862. p. 276.

Habitat in montibus Lao dictis Cambojae (Mouhot).

Obs. Testa persimilis *C. coelocono Bens.*, a quo differt spira elatiore, umbilico angustiore et peristomate expansiusculo.

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314. 24. ? lignarius Pfr. (Coll. 82. — *Reeve* t. 4. f. 94. — Nov. Seeland.) . . . . Pneum. II. p. 44.

§. 3.

315. 25. Himalayanus Pfr. (Coll. 83. — *Reeve* t. 4. f. 14. — Operc. fulvo-corneum. — Sikkim Himalaya ad altit. ped. 2350: fratr. Schlagintweit.) . . . . - - - 44.
316. 26. Tryblium Bens. (Himalaya. = *Himalayanus* ? teste *Reeve*.) . . . . - - - 44.
317. 27. balteatus Bens. (Pegu.) . . . . - - - 44.
318. 28. involvulus Müll. (Coll. 84. — *Reeve* t. 1. f. 1. — India.) . . . . - - - 45.
319. 29. pyrotrema Bens. (Coll. 85. — *Reeve* t. 4. f. 13. — Bengalia.) . . . . - - - 45.
320. 30. polynema Pfr. (Habitat ?) . . . . - - - 46.
321. 31. Exul Bens. (*Reeve* t. 13. f. 53. — India.) . . - - - 46.
322. 32. Scurra Bens. † (Pegu.) . . . . - - - 47.

§. 4.

323. 33. aurantiacus Schum. (Coll. 86. — *Reeve* t. 1. f. 3. — Birmania. — Cf. *Gould* Otia conch. p. 190.) . . . . - - - 47.
324. 34. Bensoni Pfr. (*Reeve* t. 9. f. 38. — Montes Khasya Indiae.) . . . . - - - 47.
325. 35. Theobaldianus Bens. (Coll. 87. — *Reeve* t. 10. f. 41. — Thyet Mio Birmanor.) . . . - - - 47.
326. 36. tuba Sow. (*Reeve* t. 3. f. 9. — Malacca, Sumatra.) - - - 48.

327. 37. **C. Pfeifferi Reeve.** †

„Cycl. testa modice umbilicata, subgloboso-turbinata, tenuiuscula in medio subobsolete carino-angulata, albida, fulvescente-fusco supra peripheriam tenue lentiginosa, infra saturate latefasciata; spira elevatiuscula, anfractibus rotundatis, spiraliter confertim leviter granoso-striatis, ultimo versus aperturam rotundato-inflato, circa umbilicum subremote lineari-fasciato; labro latissime plano-expanso, rufo-aurantio.“ (R.) — Diam. maj. 53, alt. 34 mill. (ex ic.)

Cyclophorus Pfeifferi Reeve Conch. ic. sp. 11. t. 3.

Habitat in insula Pulo-Penang.

38. labiosus Pfr. (*Reeve* t. 8. f. 32. — Habitat?) . Pneum. II. p. 48. 328.
39. Borneensis Metc. (Coll. 88. — *Reeve* t. 12. 329.
f. 50. — Borneo.) . . . . - - - 49.
40. perdix Brod. & Sow. (Coll. 89. — *Reeve* 330.
t. 5. f. 21. — India.) . . . . - - - 49.
41. Zollingeri Mouss. † (*C. perdix var. Reeve.* — 331.
Java.) . . . . - - - 49.
42. porphyriticus Bens. (*C. perdix var. Reeve.* 332.
— India.) . . . . - - - 49.
43. expansus Pfr. (*Reeve* t. 5. f. 18. — Tenasserim 333.
Birmaniae.) . . . . - - - 49.
44. Cantori Bens. (*Reeve* t. 13. f. 54. — Ins. 334.
Penang.) . . . . - - - 49.
45. Menkeanus Phil. (*Reeve* t. 10. f. 42. c. d. — 335.
Ceylon.) . . . . - - - 50.
46. amoenus Pfr. (*Reeve* t. 10. f. 40. — Habitat?) - - - 50. 336.
47. turgidus Pfr. (Coll. 90. — *Reeve* t. 11. f. 43. 337.
— Ins. Liew Kiew.) . . . . - - - 50.
48. punctatus Grat. (Coll. 91. — *Reeve* t. 12. 338.
f. 51. — China.) . . . . - - - 50.
49. denselineatus Pfr. (*Reeve* t. 8. f. 34. — 339.
Cyclost. commaculatum Behn mss. — Ins.
Nicobar.) . . . . - - - 50.
50. marmoratus Fér. (Habitat?) . . . . - - - 50. 340.

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51. C. foliaceus Chemnitz. † 341.

„Cycl. testa anguste subobtecte umbilicata, pyramidali-turbinata, solidiuscula, pellucido-alba, versus apicem vivide purpureo-rosea, epidermide fuscescente decidua; anfractibus subangustis, rotundatis, spiraliter inciso-striatis; ultimo versus aperturam plus minus irregulariter varicoso; apertura circulari, labro reflexo.“ (Reeve.) — Long. (sp. maximi) 22, lat. 19 mill. (Bens.)

Turbo foliaceus Chemn. Conch. IX P. 2. p. 59. t. 123. f. 1069. 1070.
— — — *Gmel.* Syst. p. 3602. N. 104.
— — — *Dillw.* Cat. II. p. 866. n. 121.
Cyclostoma foliaceum Pfr. in Chemn. ed. II. p. 36. n. 27. t. 4. f. 10. 11.
Cyclophorus foliaceus Bens. in Ann. and Mag. nat. hist. 1860. 3 d. ser. V. p. 97; 1861. ibid. 3 d. ser. VII. p. 29. (absque descriptione.)
— — *Reeve* Conch. ic. sp. 52. t. 13.

Habitat in insulis Andamanicis sinus Bengalensis (Haughton).

Obs. Species diu solum ex icone et descriptione Chemnitziana (conf. *Pfr.* Mon. Pneum. p. 181 in adnot. et *Chemn.* ed. II. p. 36) cognita saepeque cum *Otopomate naticoide Recl.* confusa, nuperius iterum detecta characteres constantes exhibet. Operculum corneum in pluribus specimini-

bus figura Chemnitziana minoribus adest, quare locus systematicus nunc indubitanter stabilitus est. Specimina juniora teste Benson depressa, peripheria angulata et latius umbilicata sunt.

§. 5.

342. 52. eximius Mouss. (Coll. 92. — *Reeve* t. 2. f. 7. — Java.) . . . . Pneum. II. p. 51.
343. 53. Ceylanicus Pfr. (Coll. 93. — *C. Menkeanus Reeve* t. 10. f. 42. a. b. — Ceylon.) . . . - - - 51.
344. 54. stenomphalus Pfr. (Coll. 94. — *Reeve* t. 4. f. 16. — India.) . . . . - - - 51.
345. 55. Aurora Bens. (Coll. 95. — *Reeve* t. 9. f. 36. — Himalaya.) . . . . - - - 51.
346. 56. Jerdoni Bens. (*Reeve* t. 5. f. 20. — Neilgherries Indiae.) . . . . - - - 51.
347. 57. zebrinus Bens. (*Reeve* t. 11. f. 46. — Nanclai Indiae. — Conf. *Leptopoma Cybeus Bens.*) - - - 52.
348. 58. luridus Pfr. (*Reeve* t. 11. f. 46. — Habitat?) - - - 52.
349. 59. leucostomus Pfr. (*Reeve* t. 13. f. 56. — Habitat?) . . . . - - - 52.
350. 60. Guimarasensis Sow. (Coll. 96. — *Reeve* t. 14. f. 63. — Ins. Philippin.) . . . . - - - 52.
351. 61. turbinatus Pfr. (*Reeve* t. 14. f. 61. — Ins. Philippin.) . . . . - - - 52.

352. 62. **C. Gaymansi Martens.** †

„Testa turbinata, modice umbilicata, striatula, carinis distantibus 9 sculpta, corneo-fusca; anfr. $5^1/_2$, convexi, ultimus parum descendens; apertura diagonalis, circularis; peristoma duplicatum, externum expansum. — Diam. maj. $9^1/_2$, min. $7^1/_2$, alt. 8, apert. 5 millim.“ (v. M.)

Cyclophorus Gaymansi Mart. in Monatsber. Berl. Ak. 25. Febr. 1864.

Habitat prope Kepahiang insulae Sumatrae.

§. 6.

353. 63. oculus capri Wood. (Coll. 97. — *Reeve* t. 2. f. 8. — Java, Sumatra.) . . . . Pneum. II. p. 52.
354. 64. Nilagiricus Bens. (Coll. 98. — *Reeve* t. 2. f. 6. — India.) . . . . - - - 52.
355. 65. excellens Pfr. (*Reeve* t. 2. f. 5. — *C. Haughtoni Theob.* — Birmania.) . . . . - - - 53.
356. 66. semisulcatus Sow. (Coll. 99. — *Reeve* t. 7. f. 29. — Malacca.) . . . . - - - 53.
357. 67. Woodianus Lea. (Coll. 100. — *Reeve* t. 8. f. 33. — Ins. Philippin.) . . . . - - - 53.
358. 68. picturatus Pfr. (Coll. 101. — *Reeve* t. 6. f. 22 — Ins. Philippin.) . . . . - - - 53.

69. spironema Pfr. (India.) . . . . Pneum. II. p. 53. 359.
70. Charpentieri Mouss. (Coll. 102. — *C. Woodianus var. Reeve.* — Java.) . . . . - - - 54. 360.
71. Bairdi Pfr. (Coll. 103 — *Reeve* t. 15. f. 69 — Ceylon.) . . . . - - - 54. 361.
72. incisus Jacq. † (Ins. Hogoleu.) . . . . - - - 54. 362.

§. 7.

73. Phaenotopicus Bens. (*Reeve* t. 18. f. 91. — Himalaya.) . . . . - - - 54. 363.

§. 8.

74. Mexicanus Menke. (Coll. 104. — *Reeve* t. 16. f. 73. — Mexico.) . . . . - - - 55. 364.
75. Parma Bens. † (Ceylon.) . . . . - - - 55. 365.
76. Cratera Bens. † (Ceylon.) . . . . - - - 55. 366.

77. C. Cadiscus Benson. † 367.

„T. sublate et profunde umbilicata, convexo-depressa, tenui, confertim oblique striata, sub epidermide pallida corneo-albida; spira convexa apice obtuso, sutura profundiuscula; anfr. 5 convexiusculis, ultimo cylindrico, antice descendente; apertura obliqua, ovato-rotundata, superne angulata, perist. duplici, interiore continuo, modice porrecto, exteriore adnato, ad dextram breviter expanso, margine columellari recto, simplici. — Diam. maj. 17, min. 15, axis 8 mill.“ (B.)

Cyclophorus Cadiscus Bens. in Ann. and Mag. nat. hist. 3d. ser. V. (May 1860.) p. 384.

Habitat in pago Matelle orientali insulae Ceylon (Layard).

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78. Calyx Bens. (*Reeve* t. 20. f. 104. — Akaouktong, Burma.) . . . . Pneum. II. p. 56. 368.

§. 9.

79. guttatus Pfr. (*Reeve* t. 17. f. 80. — Habitat?) - - - 56. 369.

§. 10.

80. tigrinus Sow. (Coll. 105. — *Reeve* t. 6. f. 25. Var.: t. 8. f. 30. — Ins. Philippin.) . . . . - - - 56. 370.

371. 81. **C. flavilabris Benson.** †

„T. umbilicata, subgloboso-turbinata, suboblique striata, striis confertis spiralibus decussata, castanea, fascia saturatiore, sub altera angustiore albida peripherica, ornata, periomphalo pallidiore; spira elevato-turbinata, apice vix acutiusculo, sutura impressa, superne marginata; anfr. 5, convexis, ultimo antice sensim leviter descendente; apertura subobliqua, circulari; perist. breviter adnato, superne extus angulato, expanso, crassiusculo, flavo; margine columellari latiore, subrevoluto, umbilicum angustum leviter celante. — Operc.? — Diam. maj. 51, min. 43, axis 36 mill.“ (B.)

Cyclophorus flavilabris Bens. in Ann. and Mag. n. h. Sept. 1860.

Habitat Pegu.

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372. 82. Thersites Shuttl. † (Ins. Philippin.) . . . Pneum. II. p. 56.
373. 83. zebra Grat. (Coll. 106. — *Reeve* t. 14. f. 65. — Ins. Philippin.) . . . . - - - 57.
374. 84. Philippinarum Sow. (Coll. 107. — *Reeve* t. 14. f. 64. — Ins. Philippin.) . . . . - - - 57.

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375. 85. validus Sow. (Coll. 108. — *Reeve* t. 6. f. 23. c. d. [excl. var.] — Ins. Philippin.) . . . . - - - 57.
376. 86. indicus Desh. (Coll. 109. — *Reeve* t. 4. f. 15. — Bombay.) . . . . - - - 57.
377. 87. cryptomphalus Bens. (Coll. 110. — *Reeve* t. 9. f. 37. — Burma.) . . . . - - - 57.
378. 88. altivagus Bens. (*Reeve* t. 13. f. 55. — India merid.) . . . . - - - 57.
379. 89. linguiferus Sow. (Coll. 111. — *C. validus var. Reeve* t. 6. f. 23. a. b. — Ins Philippin.) - - - 57.
380. 90. canaliferus Sow. (Coll. 112. — *Reeve* t 8. f. 31 — Ins. Philippin.) . . . . - - - 58.
381. 91. lingulatus Sow. (Coll. 113. — *Reeve* t. 12. f. 49. — Ins. Philippin.) . . . . - - - 58.
382. 92. appendiculatus Pfr. (Coll. 114. — *C. Woodianus var. Reeve.* — Ins. Philippin.) . . . - - - 58.

383. 93. **C. Nicobaricus Behn.**

T. anguste umbilicata, trochiformis, solida, oblique striata, striisque spiralibus confertissimis sub lente decussata, sericina, fulva, albo-guttulata; spira conica, acutiuscula; sutura carino-marginata; anfr. 5 modice convexi, ultimus ad basin subacute

carinatus, basi subplanatus; apertura diagonalis, truncato-auriformis; perist. carneum, incrassatum, vix expansiusculum, marginibus vix callo junctis, dextro ad insertionem flexuoso, columellari umbilicum semitegente, versus basin callum dentiformem gerente. — Operc. tenue, rubello-corneum. — Diam. maj. 17, min. 15, alt. 13 mill. Ap. 9 mill. alta. (Mus. Cuming).

Cyclostoma Nicobaricum Behn mss. teste Cuming.

Habitat in insulis Nicobaricis.

Obs. Cl. Reeve speciem varietatibus *C. turbinis Ch.* adscribit.

§. 11.

94. turbo Chemn. (Coll. 115. — *Reeve* t 13. f. 57. — Ins. Nicobar.) . . . . Pneum. II. p. 58. 384.
95. trochoides Mörch. † (Habitat?) . . . . . . - - - 58. 385.

§. 12.

96. lutescens Pfr. (Coll. 116. — *Reeve* t. 16. f. 75. — Hab. Panistlahuaca reipublicae mexicanae: Boucard.) . . . . - - - 59. 386.
97. taeniatus Pfr. (*Reeve* t. 10. f. 39. — Sumatra.) - - - 59. 387.
98. Wahlbergi Bens. (Coll. 117. — *Reeve* t. 17. f. 81. — Natal.) . . . . - - - 59. 388.
99. ? Amboinensis Pfr. (Coll. 118. — *Reeve* t. 18. f. 88. Var.: *Cyclostoma Reeve* t. 10. f. 56. — Amboina. — Conf. *Martens* in Malak. Bl. 1864 p. 135. An Cyclotus?) . . . . - - - 59. 389.
100. tenebricosus Ad. & Reeve. (*Leptopoma tenebr. Pfr.* Mon., *Reeve* t. 7. f. 44. — Borneo.) - - - 76. 390.
101. coeloconus Bens. (*Reeve* t. 18. f. 89. — Neilgherries Indiae.) . . . . - - - 59. 391.
102. flammeus Pfr. (*Leptopoma Pfr.* Mon., *Reeve* t. 8. f. 47. — Ceylon.) . . . . - - - 76. 392.
103. poecilus Pfr. (*Leptopoma Pfr.* Mon, *Reeve* t. 8. f. 46. — Ceylon.) . . . . - - - 76. 393.
104. halophilus Bens. (Coll. 119. — *Leptopoma Pfr.* Mon., *Reeve* t. 8. f. 49. — Ceylon.) . . - - - 77. 394.

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105. ? euomphalus Phil. (Coll. 120. — *Ostodes? euomphalum Gould.* — Habitat?) . . . . - - - 60. 395.
106. margarita Pfr. (*Reeve* t. 14. f. 60. — *Ostodes? margarita Gould.* — Ins Rapa oceani pacif.) - - - 60. 396.
107. ? cereus Pfr. (*Reeve* t. 19. f. 98. — Habitat?) - - - 60. 397.

108. **C. cinereus Drouet.** † 398.

„T. pusilla, umbilicata, subturbinata, tenuis, vix translucida, subtilissime striata, cinerea; anfr. 4 convexi, apice ob-

tuso; apertura angulato-circularis; perist. simplex, acutum. — Operc. immersum, concolor, normale. — Diam. maj. $4^{1}/_{2}$, alt. 4, apert. diam. 2 mill.“ (Dr.)

Cyclophorus cinereus Drouet Moll. terr. Guyane franç. (1859.) p. 90. t. 3. f. 37. 38.

Habitat in insula Martinique.

§. 13.

399. 109. strigatus Gould. (Coll. 121. — *Reeve* t. 17. f. 77. — *Ostodes*) strigatum Gould.* — Ins. Pacific.) . . . . Pneum. II. p. 61.

400. 110. ? tiara Gould. (*Reeve* t. 16. f. 76. — *Ostodes tiara Gould* l. c. — Ins. Navigator.) . . . - - - 60.

401. 111. ? albidus Jacq. † (Ins. Samoa.) . . . . - - - 60.

402. 112. ? obligatus Gould. (*Cyclostoma Reeve* t. 14. f. 58. — *Ostodes oblig. Gould.* — Ins. Societatis.) . . . . - - - 61.

403. 113. Apiae Recl. (Coll. 122. — *C. plicatus Rv.* t. 14. f. 58. — *Ostodes plicatum Gould* l. c. — Ins. pacif.) . . . . - - - 61.

404. 114. **C. ? Gassiesi Souverbie.** †

„T. umbilicata, solida, subturbinata, obtuse pyramidata, pallide cornea, oblique sublate et sinuose (praecipue in ultimo anfr.) costata, spiraliter inaequilirata; sutura profunda, plerumque tecta; spira apice submamillata; anfr. $5^{1}/_{2}$ rapide accrescentes, convexi, primi laevigati, sequentes, fere usque ad ultimum, superne turgiduli, inferne supra suturam depresso-subcanaliculati, distanterque bi-subcarinati; ultimus subrotundatus, obtuse subangulatus, vix descendens, infra subplanulatus, radiatim oblique sinuoso-costatus, circa umbilicum mediocrem, abrupte excavatum, plicato-carinatus; apert. subobliqua, rotundata, superne subangulata, intus nitida, alba; perist. simplex, rectum, subacutum, continuum, ad anfr. penult. appressum, marginibus in angulum brevem, subcanaliculatum junctis. — Operc.? — Diam. maj. 10, min. 9, alt. 10 mill. Ap. 4 mill. lata, $4^{1}/_{2}$ alta.“ (S.)

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*) *Ostodes* novum genus. T. parva, turbinata, solida, ossea, albida, spiraliter sulcata interdum undulata, profunde umbilicata; apertura fere circularis; peristomate simplici, fere continuo; fauce porcellana. Operculum corneum, multispirale, sutura modica. — Incolae vibraculis subulatis, tenuibus; oculis haud penicillatis. (*Gould* in Proc. Bost. Soc. VIII. Febr. 1862; Otia conchol. p. 240.)

Cyclostoma Gassiesi Sowerbie in Journ. Conch. VII. 3. (Mart. 1859.) p. 294. t. 8. f. 6.

Habitat . . . ?

Obs. Haec species praecedenti nimis affinis videtur. Nonne eadem?

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115. orophilus Bens. (*Leptopoma Pfr.* Mon., *Reeve* t. 8. f. 51. — Ceylon.) . . . . Pneum. II. p. 77. 405.

116. C. malleatus Blanford. † 406.

„Testa anguste umbilicata, trochiformis, oblique striata, liris spiralibus supra et infra cincta, solidiuscula, epidermide fusca induta, sub epidermide albida; spira conica, apice acuta, sutura impressa. Anfr. 5 convexi; ultimus rotundatus in veteribus exemplis descendens et fere solutus. Apertura parum obliqua, circularis, superne subangulata; perist. rectum, simplex, breviter adnatum, margine columellari recedente, dextro supra antice porrecto. — Operc.? — Diam. maj. $6^1/_2$, min. $5^1/_2$, axis $6^1/_2$, apert. diam. 3 mill.“ (Bl.)

Cyclophorus malleatus W. T. & H. F. Blanford Contrib. to Ind. Malac. II. 1861. p. 3. t. 1. f. 6.

Habitat in montibus „Shevroys“ Indiae australis (King).

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117. conulus Pfr. (*Leptopoma Pfr.* Mon., *Reeve* t. 8. f. 45. — Ceylon.) . . . . Pneum. II. p. 77. 407.

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118. parvus Sow (*Reeve* t. 19. f. 95. — *Ostodes Gould* l. c. — Ins. Philippin.) . . . . . . - - - 61. 408.
119. ? flavus Brod. (Coll. 123. — *Reeve* t. 14. f. 59. — Ins. Annaa, Ins. Gambier.) . . . . . . - - - 61. 409.
120. cuspidatus Bens. (*Reeve* t. 19. f. 39. — Neilgherries Indiae. — *Craspedotropis*) W. T. Blanford* in Ann. and Mag. n. h. Jun. 1864.) - - - 62. 410.
121. ? Cytora Gray. (Nov. Seeland.) . . . . . - - - 62. 411.

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122. C. acutiliratus Drouet. † 412.

„T. late perviam umbilicata, subturbinata, tenuis, solidula, subtranslucida, plicis acutis spiralibus distinctis cincta (3 majori-

*) *Craspedotropis* nov. subgenus Cyclophori (an genus Cyclophorinarum): „Testa acuminato-conoidea, carinata, epidermide fusca crassa fimbriam carinae praebente induta. Operculum arctissime spiratum.“ (*Blanf.* l. c.)

bus: 1 carinam simulante, 2-3 circa umbilicum), rufescens aut albida; anfr. 5; spira conico-subacuta; apertura angulato-circularis; perist. simplex, acutum. — Operc. subimmersum, griseum, translucidum, polygyratum. — Diam. maj. 11, alt. 8—9; apert. diam. 5 mill." (Dr.)

Cyclophorus acutiliratus Drouet Moll. terr. Guyane franç. p. 89. t. 3. f. 42—44.

Habitat „aux Pitons" insulae Martinique.

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413. 123. trochlea Bens. (Neilgherries Indiae. — *Cyclostomus Pfr.* Mon. — *Jerdonia trochlea Blanf.* Contrib. to Ind. Malac. II. 1861. p. 5. t. f. 5: operculum, ex Cl. auctoribus ad typum Cyclophori pertinens.) . . . . Pneum. II. p. 116.

Obs. Subgenus *Jerdonia* (1861 non exacte definitum) pro hac specie et *Cyclostomate Kolamulliensi* ex analogia characterum, inprimis costulatione spirali, textura cornea, forma aperturae et umbilici ejusque carina basali propositum a W. T. Blanford tanquam genus Cyclophorinarum in Ann. and Mag. nat. hist. Jun. 1864 sic definitum: „testa umbilicata, pyramidata, cornea. Operculum concentricum, arctispirum, sulco marginali circumdatum, duplex; interne membranaceum, externe testaceum, et ex anfractibus vittaeformibus compositum, quoque proximi interioris marginem externum tegente" — unicam speciem *J. trochleam* continens. Conf. *Cyclotus Kolamulliensis.*

§. 14.

414. 124. maculosus Sow. (Coll. 124. — *Reeve* t. 15. f. 17. — Habitat?) . . . . Pneum. II. p. 62.

415. 125. ? deplanatus Pfr. (Coll. 125. — *C. annulatus var. Reeve.* — India.) . . . . - - - 62.

416. 126. stenostomus Sow. (Coll. 126. — *Reeve* t. 17. f. 82. — India.) . . . . - - - 63.

417. 127. loxostomus Pfr.? (*Reeve* t. 17. f. 83: *C. annulatus minor!* — Ceylon.) . . . . - - - 63.

418. 128. **C. Cytopoma Benson.** †

„T. late et profunde umbilicata, planato-depressa, subdiscoidea, vix nitidula, confertim et arcuatim rugoso-striata, fulvo-castanea, subtus pallidiore apicem versus flammis pallidioribus, et infra medium anfractus ultimi fascia fusca inconspicua ornata; spira planulata, apice non prominente, sutura profunda; anfr. $5^1/_2$ convexis, ultimo antice sensim descendente; umbilico $^2/_5$ diametri aequante; apertura ampla, obliqua, angulato-ovali, intus lactea; perist. simplici expansiusculo, superne acute angu-

lato, breviter adnato, intus incrassato-labiato, margine columellari subtus recedente, dextro superne antice arcuato. — Operc. fulvo-corneo, solidiusculo, 7-spirato, convexiusculo, ad apicem foveato, intus concavo, margine externo sulco lato fere circumdato; anfractibus ad marginem carinatis, carina exteriore elevatiore. — Diam. maj. $24^1/_2$, min. 19, axis 8 mill." (B.)

Cyclophorus Cytopoma Bens. in Ann. and Mag. nat. hist. 3 d. ser. V. (May 1860.) p. 384.

Habitat in insula Ceylon (Layard).

129. **? C. Ammonis Gassies.** † 419.

T. late umbilicata, rotundata, solida, flavida, subaurantiaca, striis validis, irregularibus, undulosis, praecipue ad anfractus primos sculpta; anfr. 5 rotundati, rapide accrescentes, ultimus fere dimidium testae formans; apertura subobliqua, circularis, callo levi albido cincta; rima umbilicalis basi filo crispo carinata. — Operc.? — Alt. 10, diam. 15 mill. (G.)

Cyclostoma Ammonis Gass. in Journ. Conch. VII. 4. p. 370.

Habitat in Nova Caledonia.

Obs. Num hic locus aptus speciei, e descriptione gallica incompleta vix patet.

§. 15.

130. ? purus Forbes. (*Reeve* t. 7. f. 28. — Amer. central. — An var. sequentis ?) . . . . Pneum. II. p. 63. 420.

131. Cumingi Sow. (Coll. 127. — *Reeve* t 7. f 27. — Columbia.) . . . . - - - 63. 421.

132. **C. Montrouzieri Souverbie.** † 422.

„T. late umbilicata, orbiculata, depressa, apice truncata, solida, oblique striata, liris spiralibus elevatis, lirisque interjacentibus subobsoletis, undique sculpta, ad suturam attenuatis, sub epidermide . . . ? subflavido-rubella; spira obtuse depressa; sutura profunde canaliculata; anfr. 5 ? (quatuor superst.), omnes inferne conspicui, convexi, rapide accrescentes, ultimus ventrosus, rotundatus, circa umbilicum late perspectivum convolutus; apertura obliqua, rotundata, subpiriformis, intus subflavo-rubella, nitida; perist. subsimplex, continuum, anfr. penult. superne adpressum; marg. dext. subacutum; columellari incrassato, subduplicatum, apice cum margine dextro in angulum

subprotractum desinente. — Operc. corneum, concaviusculum, 8—9-spiratum, spiraliter minute striatum. — Diam. maj. 29, min. 24, alt. 18 mill. Ap. 11½ mill. lata, 13 alta." (S.)

Cyclostoma Montrouzieri Sow. in Journ. Conch VII. 3. (Mart. 1859.) p. 291. t. 8. f. 5.

β. Spira magis depresso-planulata, liris intermediis magis impressis, umbilico magis pervio. Diam. maj. 29, min. 24, alt. 15 mill.

Habitat in insula Art Archipelagi Novae Caledoniae.

423. 133. **C. haematomma Pfr.**

T. umbilicata, conoideo-depressa, solida, confertissime striata et superne liris elevatis inaequalibus crebris cincta, alabastrina; spira parum elevata, sursum fulvo-sanguinea, vertice subtili; anfr. 5 modice convexi, ultimus subteres, subtus laevigatus, crista funiformi, umbilicum latiusculum limitante munitus; apertura obliqua, irregulariter rotundato-ovalis; perist. simplex, rectum, marginibus approximatis, callo brevi junctis, sinistro levius curvato, ad cristam umbilicarem sinuato. — Operc.? — Diam. maj. 23, min. 19, alt. 12 mill. Ap. 11 mill. alta, 9 lata. (Mus. Cuming.)

Cyclophorus ? haematomma Pfr. in Proc Zool. Soc. 1862. p. 276.
— — *Pfr.* Novit. conch. I. p. 217. Nr. 320. t. 57. f. 12—14.

Habitat in republica Aequatoris.

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424. 134. Forbesianus Pfr. (Coll. 128. — *Reeve* t. 16. f. 72. — Nov. Hebrid.) . . . . Pneum. II. p. 63.
425. 135. Couderti Fisch. & Bern. (Coll. 129. — Nov. Caledon.) . . . . - - - 63.
426. 136. alternans Pfr. (*Reeve* t 16. f. 71. — Madagascar.) . . . . - - - 64.
427. 137. Bourcieri Pfr. (Coll. 130. — *Reeve* t. 16. f. 74. — *β.* Major, anfr. 5, ultimo rufo-fusco. Diam. maj. 28—29 mill. — Resp. Aequatoris.) . . - - - 64.
428. 138. Guayaquilensis Sow. (*Reeve* t. 17. f. 79. — Guayaquil.) . . . . - - - 64.
429. 139. psilomitus Pfr. (*Reeve* t. 17. f. 84. — Venezuela.) . . . . - - - 64.
430. 140. rufescens Sow. (Coll. 131. — *Reeve* t 17. f. 78. — Martinique.) . . . . - - - 64.
431. 141. Schrammi Shuttl. † (Guadeloupe. — Diam. maj. 11½, min. 9, alt. 7 mill. Apert. diam. circa 5 mill.: Sh.) . . . . - - - 64.

142. **C. Artensis Montrouzier.** † 432.

T. late et perspective umbilicata, discoidea, rotundata, liris crebris saepe geminatis et striis incrementi irregularibus sculpta, griseo-flavida, versus aperturam aurantio-rubescens, vertice flavo, laevigato, nitido; anfr. 5 rotundati, rapide accrescentes, ultimus dimidium testae formans; sutura profunda, disjuncta; apertura subobliqua, intus nitide aurantiaca; perist. simplex, continuum, vix callosum. — Operc. multispirum, corneum, nitidum, extus concavum. — Diam. maj. 11, min. 9, alt. 7 mill. Apert. diam. maj. $5\frac{1}{2}$, min. 5 mill. (Ex descriptione gallica Auctoris.)

Cyclostoma artense Montrouz. in Journ. Conch. VII. 3. (Mars 1859.) p. 286. t. 8. f. 1.

Habitat in insula Art Novae Caledoniae.

143. **C. liratus Drouet.** † 433.

„T. latissime perviam umbilicata, discoideo-subdepressa, tenuis, subopaca, liris spiralibus confertis filoso-sculpta, unicolor olivacea; anfr. 4; sutura canaliculata; apertura circularis; perist. simplex, acutum. — Operc. immersum, nitidum, concolor. — Diam. maj. 13, alt. 7 mill. Ap. diam. 6 mill.“ (D.)

Cyclophorus liratus Drouet Moll. Guyan. p. 88. t. 3. f. 30—32.

Habitat „aux Pitons“ insulae Martinique.

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144. fornicatus Pfr. (*Reeve* t. 18. f. 86. — Nov. Hebrid.) . . . . Pneum. II. p. 64. 434.

145. liricinctus Bens. † (*Reeve* t. 20. f. 100. — Australia.) . . . . – – – 64. 435.

146. orbiculatus Bens. † (*Reeve* t. 20. f. 101. — Australia.) . . . . – – – 65. 436.

147. ? Gayi Hupé. † (Chile.) . . . . – – – 65. 437.

§. 16.

148. ponderosus Pfr. (*Reeve* t. 15. f. 70. — Guatemala.) . . . . – – – 65. 438.

149. Boucardi Sallé. (Coll. 132. — *Reeve* t. 7. f. 26. — Mexico.) . . . . – – – 65. 439.

150. texturatus Sow. (*Reeve* t. 15. f. 67. — Guatemala.) . . . . – – – 66. 440.

151. Cayennensis Shuttl. † (*Drouet* Moll. Guyan. p. 73.) . . . . – – – 66. 441.

§. 17.

442.	152. annulatus Trosch. (Coll. 133. — *Reeve* t. 15. f. 66. — Ceylon.)	Pneum. II. p. 66.
443.	153. Thwaitesi Pfr. (*C. annulatus var. Reeve* t. 18. f. 87. — Ceylon.)	- - - 66.
444.	154. Parapsis Bens. (Coll. 134. — *C. annulatus var. Reeve* t. 18. f. 90. — Ceylon.)	- - - 66.
445.	155. ravidus Bens. (*Reeve* t. 20. f. 102. — (Neilgherries Indiae.)	- - - 67.
446.	156. ? disculus Pfr. (Habitat?)	- - - 67.
447.	157. Beauianus Petit. (Coll. 135. — Guadeloupe.)	- - - 67.
448.	158. Shiplayi Pfr. (*Reeve* t. 18. f. 85. — Neilgherries.)	- - - 68.
449.	159. ? Moricandi Pfr. (*Reeve* t. 20. f. 99. — Brasil.)	- - - 68.
450.	160. convexiusculus Pfr. (*Reeve* t. 19. f. 92. — Prom. Bon. Spei.)	- - - 68.

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451.	161. cornu venatorium Sow. (Ava. — Coll. Nr. 136. ? Communicavit Cl. Blanford.) . .	- - - 69.

§. 18.

452.	162. scissimargo Bens. (*Reeve* t. 20. f. 105. — *Lagocheilus* *) *W. Blanford* in Ann. and Mag. nat. hist. Jun. 1864. — Tenasserim, Burma.) .	- - - 61.
453.	163. tomotrema Bens. † (*Lagocheilus W. Blanf.* in Ann. and Mag. nat. hist. Jun. 1864. — Teria Ghàt Indiae.)	- - - 50.

XI. Leptopoma Pfr.

Pfr. Mon. Pneum. p. 101. Suppl. p. 69. Conf. *W. T. Blanford* in Ann. and Mag. nat. hist. Jun. 1864.

Conspectus specierum.

A. Peristomate reflexo.

1. Ecarinatae . . . . §. 1. Nr. 1— 16.

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*) Subgenus *Lagocheilus Theobald* mss.: „testa anguste umbilicata, turbinato-conica, parva, spiraliter lirata, epidermide fusca (in exemplis junioribus saepe hispidula) induta. Peristoma incrassatum, superne ad angulum rima transversa breviter incisum Operculum planum, tenue, albidum.“ (*Blanf.* l. c.)

2. Carinatae,
 a. globoso-conicae.
  α. Carina levi . . . . §. 2. — 17—31.
  β. Carina acuta . . . . . . §. 3. — 32—41.
 b. conicae . . . . §. 4. — 42—53.
B. ? Peristomate simplice recto . . . §. 5. — 54.

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§. 1.

1. pellucidum Grat. (Coll. 137. — *Reeve* t. 5. f. 27. — Ins. Philippin.) . . . . Pneum. II. p. 70. 454.

2. **L. latelimbatum Pfr.** 455.

T. perforata, globoso-conica, tenuis, spiraliter conferte striata et liris sub-6 distantibus subacutis cincta, albida, haud nitens, strigis fulguratis fuscis picta; spira turbinata, acuta; anfr. 6 convexi, ultimus inflatus, infra medium fascia alba et altera fuscula signatus, circa umbilicum albus; apertura parum obliqua, subcircularis, intus albida, fusco-marmorata; perist. duplex, ad anfr. contiguum haud interruptum, internum expansiusculum, vix prominens, externum latere dextro late expansum et patens, sinistro angustissimum. — Diam. maj. 18½, min. 15, alt. 14 mill. (Coll. Nr. 138.)

Leptopoma latelimbatum Pfr. Mon. Pneum. p. 106. II. p. 72.
— — *Reeve* Conch. ic. t. 2. sp. 12.
— — *Dohrn* in Malak. Bl. 1863. p. 93.
— *Portei Pfr.* in Proc. Zool. Soc. 1862. p. 116. t. 12. f. 5.

Habitat in parte septentrionali Luzon et in insula Polillo.

Obs. Carina mediana interdum ceteris validior, quamobrem speciem antea in collectionibus rarissimam hucusque inter carinatas enumeraveram; in forma typica (*L. Portei*) mediana reliquas non superat.

3. **L. pulicarium Pfr.** 456.

T. perforata, globoso-turbinata, tenuiuscula, striis spiralibus confertissimis undulatis sculpta, carnea, punctis rufulis (interdum fulguratim confluentibus) dense conspersa; spira turbinata, apice acutiuscula, cornea; anfr. 5 convexi, ultimus inflatus; apertura obliqua, ovali-subcircularis; perist. album, tenue, breviter subinterruptum, margine dextro aequaliter patente, sinistro medio dilatato, reflexo. — Diam. maj. 15,

min. 12, alt. 12 mill. Ap. intus 8 mill. longa, $7^1/_2$ lata. (Mus. Cuming.)

Leptopoma pulicarium Pfr. in Proc. Zool. Soc. 1861. p. 29. t. 3. f. 7.
— — *Reeve* Conch. ic. t. 5. sp. 28.

Habitat in insula Batchian (Wallace).

457. 4. **L. papuanum Dohrn.** †

„T. anguste umbilicata, globoso-conica, tenuis, concentrice subtilissime et confertissime striata, hyalina, varie fusco maculata, fasciis albis hydrophanis cingulata; spira turbinata, acuta; anfr. 5, modice convexi, ultimus subcompressus; apertura vix obliqua, circularis, alba; peristomium album, late expansum, marginibus disjunctis, columellari angulatim reflexo. — Operc. normale. — Diam. maj. 15, min. 11, alt. 11 mill. Ap. 11 mill. longa." (D.)

Leptopoma papuanum Dohrn in Proc. Zool. Soc. 1862. p. 181.

Habitat in Nova Guinea (Wallace in Mus. Cuming).

Obs. „Exstant varietates: 1. unicolor hyalina albicincta; 2. medio et ad suturam fusco cingulata; 3. varie fusco maculata et fulgurata. — Differt a *L. pellucido* anfr. planioribus, apertura minus obliqua, umbilico minus obtecto, etc."

458. 5. **L. globulosum Pfr.**

T. perforata, conico-globosa, tenuiuscula, striis spiralibus confertissimis sculpta, albida, seriebus nonnullis macularum fuscarum cincta; spira turbinata, acutiuscula; anfr. $4^1/_2$ convexi, ultimus valde inflatus; apertura parum obliqua, multo altior quam lata; perist album, vix interruptum, margine dextro aequaliter patente, sinistro medio subdilatato, reflexo. — Diam. maj. $13^1/_2$, min. $11^1/_4$, alt. $10^1/_4$ mill. Ap. intus $7^2/_3$ mill. longa, $6^1/_3$ lata. (Mus. Cuming.)

Leptopoma globulosum Pfr. in Proc. Zool. Soc. 1861. p. 29. t. 3. f. 9.
— — *Reeve* Conch. ic. t. 4. sp. 24.

β. Albidum, maculis magnis castaneis irregulariter pictum, liris nonnullis filaribus superne sculptum.

Habitat in insula Batchian (Wallace).

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459. 6. ignescens Pfr. (*Reeve* t. 2. f. 8. — Nov. Hibern.) . . . . Pneum. II. p. 70.
460. 7. Lowi Pfr. (Coll. 139. — *Reeve* t. 7 f. 38. — Borneo.) . . . . - - - 70.

8. bicolor Pfr. (Coll. 140. — *Reeve* t. 2. f. 13. — Habitat in parte septentrionali insulae Luzon. Variat unicolor cereum et fasciis castaneis latissimis. Conf. *Dohrn* in Mal. Bl. 1863. p. 93.)	Pneum. II. p. 70.	461.
9. semiclausum Pfr. (*Reeve* t. 6. f. 35. — Ceylon.)	- - - 70.	462.
10. Hanleyanum Pfr. (*Reeve* t. 5. f. 30. — Ins. Admiralitat.)	- - - 71.	463.
11. Garreli Soul. † (Ins. Penang.)	- - - 71.	464.
12. melanostomum Petit. (Ins. Aruan. — *Reeve* t. 5. f. 29. — Variat peristomate albo et nigro. Testa in his lineis corneis subinterruptis regulariter cincta.)	- - - 71.	465.
13. luteostomum Sow. (Coll. 141. — *Reeve* t. 6. f. 37. — Ins. Philippin.)	- - - 71.	466.
14. signatum Pfr. (Coll. 142. — *Reeve* t. 7. f. 40. — Borneo; var. minor in ins. Labuan.) . .	- - - 71.	467.

15. **L. subconicum Pfr.** 468.

T. angustissime umbilicata, globoso-conica, tenuis, liris filiformibus subconfertis cincta et striis lamellaribus oblique decussata, vix nitidula, castanea, ad suturam luteo-flammulata; spira conica, acutiuscula; anfr. 6 convexi, ultimus spira brevior; apertura parum obliqua, ovali-rotundata, intus coerulescenti-margaritacea; perist. tenue, vix expansum, marginibus approximatis. — Diam. maj. $8^1/_3$, min. $7^1/_3$, alt. 7 mill. Ap. $4^2/_3$ mill. longa, 4 lata. (Mus. Cuming.)

Cyclostoma subconicum (Leptopoma) *Pfr.* in Proc. Zool. Soc. 1859. p. 29.
— — *Reeve* Conch. ic. t. 8. sp. 50.

Habitat in Cochinchina.

16. **L. Michaui Crosse & Fischer.** † 469.

„T. umbilicata, globoso-conica, tenuiuscula, spiraliter conferte striata, parum nitens, pallide lutea, strigis latis, castaneo-brunneis longitudinaliter picta; spira turbinata, parum acuta, apice subrotundato; anfr. 5 convexi, embryonales 2 laevigati, violaceo-brunnei, ultimus sat inflatus, longitudinaliter oblique strigatus, strigis in loco suturae vicino spiraliter interruptis, subtus confluentibus, pilis tenuibus, rufis, raris, erectis, sine oculo armato vix conspicuis, imprimis ad suturam munitus; apertura subcircularis, intus albida, brunneo marmorata; peristoma duplex, internum album, vix prominens, externum magis patens, brunneum, vix reflexum, ad anfractum contiguum subinterruptum. — Diam. maj. 6, min. $4^1/_2$, alt. $5^1/_2$ mill." (Cr.)

Leptopoma Michaui Crosse & Fisch. in Journ. Conch. XI. (1863.) p. 367. t. 14. f. 7.

Habitat in insula Poulo-Condor Cochinchinae.

§. 2.

470. 17. **L. nigricans Pfr.**

T. anguste umbilicata, globoso-conica, solidula, conferte striata, sericina, fusco-nigrescens; spira conica, acutiuscula; anfr. $6^1/_2$ convexi, superiores obsoletissime spiraliter striati, ultimus infra medium subcarinatus, subtus planior; apertura obliqua, subangulato-rotundata; perist. album, duplex: internum vix porrectum, externum late patens, concentrice striatum, ad anfr. contiguum subinterruptum. — Diam. maj. 18, min. 15, alt. 15 mill. Ap. $8^1/_2$ mill. longa. (Mus. Cuming.)

Leptopoma nigricans Pfr. in Proc. Zool. Soc. 1861. p. 388. t. 37. f. 10.
— — *Reeve* Conch. ic. t. 7. sp. 41.

Habitat Menada oceani indici.

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471. 18. immaculatum Chemn. (Coll. 143. — *L. laeve Reeve* t. 3. f. 17. — Ins. Philippin.) . . . Pneum. II. p. 72.

472. 19. **L. cinctellum Pfr.**

T. anguste umbilicata, globoso-conica, tenuiuscula, spiraliter confertissime striata et liris 6 filiformibus, quarum infima peripherica, acutiuscula, cincta, albida, castaneo plurifasciata, vel fulvida, maculis obliquis fulvis minute variegata; spira turbinata, acuta; sutura albida, subcrenata; anfr. 5 convexi, ultimus inflatus, subtus obsoletissime liratus; apertura obliqua, fere circularis; perist. simplex, album, sublate patens, marginibus callo tenuissimo junctis, sinistro angusto. — Diam. maj. 15—16, min. 13, alt. 12 mill. Ap. 8 mill. alta. (Mus. Cuming.)

Leptopoma cinctellum Pfr. in Proc. Zool. Soc. 1861. p. 388. t 37. f. 11.
— — *Reeve* Conch. ic. t. 4. sp. 23.

Habitat in insula Ternate.

473. 20. **L. Mathildae Dohrn.**

T. perforata, globoso-conica, tenuiuscula, spiraliter confertissime striata, parum nitens, pallide corneo-cerea, intus

interdum late fusco-fasciata, pone aperturam late transverse fusco-zonata; spira elevata, turbinata, vertice acutiusculo; anfr. 5 convexi, ultimus spiram subaequans, inflatus, liris 6 spiralibus, quarum peripherica acutiore, carinaeformi, sculptus; apertura obliqua, subcircularis; perist. album, breviter reflexum, intus callosum, marginibus approximatis, supero subcucullatim dilatato. — Operc. normale. — Diam. maj. 13, min. 11, alt. 10 mill. Ap. fere 7 mill. alta. (Coll. Nro. 144.)

Leptopoma Mathildae Dohrn in Proc. Zool Soc. 1862. p. 182.
— — *Pfr.* Novit. conch. I. p. 231. Nr. 335. t. 59. f. 20. 21.

Habitat in insula Mindanao (Dr. Semper).

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21. regulare Pfr. (*Reeve* t. 3. f. 14. — *Dohrn* in Mal. Bl. 1863. p. 92. — Ins. Mindoro Philippin.) . . . . Pneum. II. p. 76. 474.
22. Massenae Less. (*Reeve* t. 2. f. 10. — Nov. Guinea.) . . . . - - - 72. 475.
23. sericatum Pfr. (Coll. 145. — *Reeve* t. 5. f. 26. — Borneo.) . . . . - - - 72. 476.

24. L. decipiens Pfr. 477.

T. perforata, globoso-conica, subcarinata, tenuiuscula, sub epidermide olivaceo-fusca squamosa alba, nitida; spira elevato-conica, apice acutiuscula, aurantiaca; anfr. 6 convexiusculi, oblique striati et liris filiformibus subremotis cincti; apertura diagonalis, lunato-ovalis; perist. album, interruptum, margine dextro descendente, patente, sinistro superne sinuato, tum vix dilatato. — Operc. angustispirum, pallidum. — Diam. maj. $11^1/_2$, min. 10, alt. 10 mill. Ap. intus 6 mill. longa. (Mus. Cuming.)

Leptopoma decipiens Pfr. in Proc. Zool. Soc. 1861. p. 29. t. 3. f. 10.
— — *Reeve* Conch. ic. t. 4. sp. 20.

β. Major, fusco-cinerea, subtus cornea, antice albida.

Habitat in insula Batchian (Wallace).

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25. Wallacei Pfr. (*Reeve* t. 6. f. 36. — Borneo.) Pneum. II. p. 72. 478.
26. Panayense Sow. (*Reeve* t. 6. f. 31. — Ins. Philippin.) . . . . - - - 72 479.
27. aspirans Bens. (*Reeve* t. 4. f. 18. — Burmah.) - - - 72. 480.
28. duplicatum Pfr. (*Reeve* t. 8. f. 48. — Cochinchina.) . . . . - - - 73. 481.
29. apicatum Bens. † (*Reeve* t. 6. f. 33. — Ceylon.) - - - 73. 482.

483. 30. **L. Mouhoti Pfr.**

T. perforata, globoso-turbinata, tenuis, spiraliter conferte striata et liris 6 acutiusculis, quarum infima peripherica carinaeformi, cincta, pallide fulvida, maculis rufulis picta, aut albida, infra carinam fusco-fasciata; spira, elata, acutiuscula; anfr. $5^{1}/_{2}$ convexi, ultimus spiram subaequans; apertura obliqua, subcircularis; perist. obsolete duplicatum: internum album, adnatum, externum tenue, patens, acutum, marginibus callo tenui junctis. — Operc. tenuissimum, normale. — Diam. maj. $9^{1}/_{2}$, min. 8, alt. $8^{1}/_{3}$ mill. Ap. $5^{1}/_{2}$ mill. alta. (Mus. Cuming.)

Leptopoma Mouhoti Pfr. in Proc. Zool. Soc. 1861. p. 185.
— — *Reeve* Conch. ic. t. 5. sp. 25.

Habitat Camboja (Mouhot).

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484. 31. perplexum Sow. (Coll. 146. — *Reeve* t. 3. f. 16. — Ins. Luzon.) . . . . Pneum. II. p. 73.

§. 3.

485. 32. acutimarginatum Sow. (Coll. 147. — *Reeve* t. 1. f. 4. — *Cyclophorus acutimarginatus Martens* in Malak. Bl. XI. p. 141. — Ins. Philippin.) . . . . - - - 74.
486. 33. helicoides Grat. (Coll. 148. — *Reeve* t. 2. f. 11. — Ins. Philippin.) . . . . . . , . . - - - 74.
487. 34. ? Cybeus Bens. (*Reeve* t. 1. f. 7. — Mont. Khasi, Birmania. — An var. vel forma imperfecta *Cyclophori zebrini Bens.?* Conf. *W. T. Blanf.* in Ann. and Mag. nat. hist. Jun. 1864.) . . - - - 74.
488. 35. insigne Sow. (Coll. 149. — *Reeve* t. 6. f. 34. — Ins. Philippin.) . . . . - - - 74.
489. 36. Sechellarum Pfr. Coll. 150. — *Reeve* t. 2. f. 9. — Ins. Sechell.) . . . . - - - 74.
490. 37. Jacquinoti Pfr. † (Ins. Salomon. — *Cyclostoma pellucida Hombr. & Jacq.*) . . . . - - - 75.
491. 38. ciliatum Sow (*Reeve* t. 7. f. 39. — Ins. Luzon.) - - - 75.
492. 39. ciliferum Mouss. † (Java.) . . . . - - - 75.
493. 40 barbatum Pfr. (*Reeve* t. 7. f. 42. — Borneo.) - - - 75.

494. 41. **L. Menadense Pfr.**

T. perforata, globoso-conica, tenuiuscula, oblique striata, carinata, alabastrina; spira conica, acuta; anfr. 5 convexiusculi, ultimus peripheria acute et compresse carinatus, superne turgidus et carinis 4 filiformibus (in anfr. reliquis conspicuis)

munitus, subtus sublaevigatus; apertura fere diagonalis, subangulato-rotundata; perist. album, marginibus approximatis, dextro late patente, ad carinam angulifero, columellari angusto. — Diam. maj. 12, min. 10, alt. 10 mill. Ap. 6 mill. longa, 5 lata. (Mus. Cuming.)

Leptopoma Menadense Pfr. in Proc. Zool. Soc. 1861. p. 389. t. 37. f. 12.
— — *Reeve* Conch. ic. t. 4. sp. 19.

Habitat Menada oceani indici.

§. 4.

42. undatum Metc. (*Reeve* t. 4. f. 21. — Borneo.) Pneum. II. p. 75. 495.
43. fibula Sow. (Coll. 151. — *Reeve* t. 1. f. 5. — Ins. Philippin. Conf. *Dohrn* in Malak. Bl. 1863. p. 92. — Var. β *Polillensis*: major, anfr. ultimo convexiore, carina antice obtusiore; diam. maj. $22^1/_2$, min. 18, alt. 18 mill. In ins. Polillo.) - - - 75. 496.
44. goniostomum Sow. (Coll. 152. — *Reeve* t. 1. f. 1. — Ins. Philippin.) . . . . - - - 76. 497.
45. pileus Sow. (Coll. 153. — *Reeve* t. 4. f. 22. — Ins. Philippin.) . . . . - - - 76. 498.
46. atricapillum Sow. (Coll. 154. — *Reeve* t. 1. f. 6. — *Dohrn* in Malak. Bl. 1863. p. 92. — Ins. Philippin.) . . . . - - - 76. 499.

47. **L. Caroli Dohrn.** 500.

T. vix perforata, elevato-conica, solidiuscula, oblique striata, striis spiralibus confertissimis et liris minutis aequidistantibus sculpta, alabastrina; spira elevato-conica, acutiuscula; anfr. $6^1/_2$ convexiusculi, ultimus spira brevior, a medio liris destitutus, infra medium subobtuse carinatus, basi modice convexus; apertura obliqua, truncato-ovalis; perist. breviter reflexum, marginibus distantibus, columellari angustiore, ad insertionem subdilatato. — Operc.? — Diam. maj. $13^1/_2$, min. 11, alt. 16 mill. Ap. 7 mill. alta. (Coll. Nr. 155.)

Leptopoma Caroli Dohrn in Proc. Zool. Soc. 1862 p. 182.
— — *Pfr.* Novit. conch. I. p. 231. Nr. 334. t. 59. f. 18. 19.

Habitat in parte septentrionali insulae Luzon (Dr. Semper).

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48. acuminatum Sow. (Coll. 156. — *Reeve* t. 1. f. 2. — Ins. Philippin.) . . . . Pneum. II. p. 76. 501.
49. elatum Pfr. (*Reeve* t. 1. f. 3. — Ceylon.) . . - - - 76. 502.

503. ### 50. L. leucoraphe Martens. †

„T. turrito-conica, anguste umbilicata, oblique striata et carinulis tenuibus (3—4 in anfractibus superioribus, 11 in infimo) cincta, breviter pilosa, corneo-virens vel pallide fuscescens, ad suturam late alba, apice acuta; anfr. $6^1/_2$ convexiusculi, ultimus subangulatus, haud descendens; apertura subcircularis, obliqua; perist. crassum, album, reflexum, haud duplex, callo junctum. — Operc. tenue, corneum, multispirum. — Diam. maj. 10, min. $8^1/_2$, alt. 12 mill. Apert. long. et lat. $5^1/_2$ mill." (v. M.)

Leptopoma leucoraphe Martens in Malak. Bl. X. 1863. p. 86.

Habitat in insula Halmahera, prope Dodinga, et insula Kajoa, in sylvis.

Obs. „Animal tentaculis elongatis (7 mill. longis), laete cinnabarinis, apice acutis, cinereis, valde mobilibus; pede elongato (17 mill. longo) postice acuto, corpore laete flavo, testam vivam flavidam reddente. Oculi magni, prominentes, nigri ad basin externam tentaculorum.

504. ### 51. L. trochus Dohrn. †

„T. angustissime perforata, trochiformis, tenuis, pellucida, confertissime spiraliter tenuistriata, obsolete 5-sulcata, hyalina, fasciis albidis cincta, pallide virenti-maculata; spira conica, apice acuta; anfr. $5^1/_2$ planiusculi, ultimus medio acutissime compresse carinatus, basi vix convexior; apertura obliqua, subrhombea; peristomium duplex: externum breviter reflexum, incrassatum, umbilici $^2/_3$ tegens, marginibus callo tenui junctis, internum continuum, rectum; faux late piceo cingulata. — Operc.? — Diam. maj. 15, min. 13, alt. 14 mill. Ap. intus $6^1/_2$ mill. longa, 7 lata." (Dohrn ex collectione Semperiana.)

Leptopoma trochus Dohrn in Proc. Zool. Soc. 1862. p. 182.

Habitat Maligi insulae Mindanao (Dr. C. Semper).

505. ### 52. L. Pfeifferi Dohrn. †

„T. perforata, turbinato-conica, tenuiuscula, subtiliter spiraliter striata, alba, strigis irregularibus coerulescenti-corneis ornata; spira conica, acutiuscula; anfr. 6 convexiusculi, ultimus inflatior, medio obtuse angulatus; apertura ovali-rotundata; perist. undique expansum, marginibus callo tenui junctis, columellari arcuato, basin versus angulum formante. — Operc. norm. — Diam. maj. 18, min. 14, alt. 14 mill. pert. long. 10, lat. $7^1/_2$ mill." (Dohrn ex collectione Semperiana.)

Leptopoma Pfeifferi Dohrn in Proc. Zool. Soc. 1862. p. 182

Habitat in insula Caminguin Philippinarum (Dr. C. Semper).

53. **L. Condorianum Crosse & Fischer.** † 506.

„T. perforata, subtrochiformis, tenuis, pellucida, striis obsoletis, inaequalibus spiraliter cincta, nitidiuscula, albide lutescens, guttulis luteo-brunneis, vix conspicuis obscure maculata; spira conica, apice obtusiusculo; anfr. 5 parum convexi, embryonales 2 laevigati, cornei, ultimus infra medium subacute carinatus, subtus parum convexus, vix striatus, ad carinam albam, filiformem, pallide brunneo-fasciatus; apertura obliqua, irregulariter rotundata; peristomium subexpansum, reflexum, album, marginibus callo tenui junctis, columellari superne dilatato, perforationem partim tegente. — Operc. normale, corneum. — Diam. maj. $9\frac{1}{2}$, min. $8\frac{1}{2}$, alt. $8\frac{1}{2}$ mill." (Cr.)

Leptopoma Condorianum Crosse & Fisch. in Journ. Conch. XI. (1863.) p. 369. t. 14. f. 8.

Habitat in insula Poulo-Condor Cochinchinae.

§. 5.

54 ? Birmanum Pfr. (Coll. 157. — Burma. — An Cyclophori cujusdam incogniti status juvenilis?) Pneum. II. p. 76. 507.

Obs. Reliquae species, ad hanc sectionem hucusque relatae, inter Cyclophoros (in §. 12 et 13) locum aptiorem obtinere videntur.

XII. Dermatocera H. & A. Adams.

Pfr. Mon. Pneum. Suppl. p. 77.

Species:

1. vitrea Less. (Coll. 158. — *Leptopoma vitreum Reeve* t. 3. f. 15. Var. t. 6. f. 32. — Ins. Philippin., Java.) . . . . Pneum. II. p. 78. 508.
2. ? maculosa Soul. (Ins. Luzon.) . . . . . - - - 78. 509.

Subfam. III. Pupinea.

Pfr. Mon. Pneum. Suppl. p. 78.

XIII. Megalomastoma Guilding.

Pfr. Mon. Pneum. p. 123. Suppl. p. 78. — *Coptocheilus Gould* *). — Conf. *W. T. Blanford* in Ann. and Mag. nat. hist. Jun. 1864.

Conspectus specierum:

A. Abnormes apertura ovali *(Hainesia Pfr.)* §. 1. Nr. 1— 2.
B. Normales, apertura subcirculari.
  a. Peristomate incrassato. (*Farcimen Tr.*) §. 2. — 3—17.
  b. Peristomate subtenui, plerumque duplicato. [*Megalomastoma Guild.*]
    1. occidentales . . . . §. 3. — 18—21.
    2. orientales [genus *Coptocheilus Gould.*] . . . . §. 4. — 22—27.

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§. 1.

510. 1. croceum Sow. (Ins. Mauritii.) . . . . Pneum. II. p. 79.
511. 2. bifasciatum Sow. (Guayaquil.) . . . . . . - - - 79.

Obs. Ambae species deficiente operculi cognitione quoad genus dubiae; *Megal. Myersii Hain.*, antea huc relatum, ex analogia ad genus Hybocystidem transferendum esse minime dubito.

§. 2.

512. 3. complanatum Pfr. (Cuba.) . . . . Pneum. II. p. 80.
513. 4. bituberculatum Sow. (Coll. 159.) — Cuba.) - - - 80.
514. 5 procer Poey. (Coll. 160. — Isla de Pinos, Cuba.) . . . . - - - 81.
515. 6. ventricosum Orb. (Coll. 161. — Cuba.) . . - - - 81.
516. 7. alutaceum Menke. (Coll. 162. — Cuba.) . . - - - 81.
517. 8. digitale Gundl. (Coll 163. — Cuba. — An var. praecedentis ?) . . . . - - - 81.

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*) Testa chrysalidiformis, acuta, arcte perforata, castanea; apertura a spira fere disjuncta; peristomate plus minusve duplici, lamina interna postice incisa. Operculum corneum, multispirale, circulare, planulatum. (*Gould* in Proc. Bost. Soc. VIII. Febr. 1862; Otia conchol. p. 239.)

9. Mani Poey. (Coll. 164. — Cuba.)	Pneum. II. p. 81.	518.
10. Gundlachi Pfr. (Coll. 165. — Cuba.) . . .	- - - 82.	519.
11. leoninum Pfr. (Coll. 166. – Cuba.)	- - - 82.	520.
12. auriculatum Orb. (Coll. 167. — Cuba) . . .	- - - 82.	521.
13. apertum Poey. (Coll. 168. — Cuba.)	- - - 83.	522.
14. seminudum Poey. (Coll. 169. — Cuba.) . .	- - - 83.	523.
15. tortum Wood. (Coll. 170. — Cuba. — *Gundl.* in Malak. Bl. V. 1858. p. 187. VI. 1859. p. 69. IX. 1862. p. 6. — Var.: *M. ungula Poey*, *Pfr.* Mon. Pneum. Suppl. p. 84.)	- - - 83.	524.
16. cylindraceum Chemn. (Coll. 171. — Portorico.)	- - - 84.	525.
17. Orbignyi Pfr. (Coll. 172. — Haiti)	- - - 84.	526.

§. 3.

18. simulacrum Mor. (Guatemala.)	- - - 84.	527.
19. Guatemalense Pfr. (Guatemala.)	- - - 84.	528.
20. Antillarum Sow. (Coll. 173. — Tortola, St. Thomas.)	- - - 84.	529.
21. verruculosum Shuttl. (Coll. 174. — Portorico.)	- - - 84.	530.

§. 4.

22. altum Sow. (Coll. 175. — Ins. Philippin. — *Coptocheilus altus Gould* Otia conch. p. 239.)	- - - 84.	531.
23. sectilabre Gould. (Burma. — *Coptocheilus Gould* l. c. p. 240.)	- - - 84.	532.
24. Anostoma Bens. (Coll. 176. — Borneo.) . .	- - - 85.	533.
25. funiculatum Bens. (Himalaya. — *Coptocheilus Gould* l. c. p. 240.)	- - - 85.	534.
26. Guildingianum Pfr. (Habitat?)	- - - 85.	535.
27. pauperculum Sow. (Himalaya. — *Coptocheilus Gould* l. c. p. 240.)	- - - 85.	536.

XIV. Cataulus Pfr.

Pfr. Mon. Pneum. p. 136. Suppl. p. 87. — Conf. *W. T. Blanford* in Ann. and Mag. nat. hist. Jun. 1864.

Sectiones:

A. *Tortulosa Gray* . . . . §. 1. Nr. 1.
B. *Cataulus Pfr.* . . . . §. 2. — 2—15.

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§. 1.

537. 1. tortuosus Chemn. (Ins. Nicobar.) . . . . . Pneum. II. p. 87.

§. 2.

538. 2. Templemani Pfr. (Coll. 177. — Ceylon.) . . - - - 87
539. 3. Layardi Gray. (Coll. 178. — Ceylon.) . . . - - - 87.
540. 4. Cumingi Pfr. (Ceylon.) . . . . - - - 87.
541. 5. Thwaitesi Pfr. (Ceylon.) . . . . - - - 88.
542. 6 pyramidatus Pfr. (Coll. 179. — Ceylon.) . . - - - 88.
543. 7. Austenianus Bens. (Coll. 180. — Ceylon.) . - - - 88.
544. 8. aureus Pfr. (Ceylon.) . . . . - - - 88.
545. 9. haemastomus Pfr. (Coll. 181. — Ceylon.) . - - - 89.
546. 10. eurytrema Pfr. (Ceylon.) . . . . - - - 89.
547. 11. decorus Bens. (Ceylon.) . . . . - - - 89.

548. 12. **C. recurvatus Pfr.**

T. breviter et profunde rimata, ovato-turrita, solida, distincte subarcuato-striata, virenti-fulva; spira regulariter attenuata; sutura profunda, simplex; anfr. 7, summi rubescentes, 3 ultimi convexi, ultimus antice subascendens, basi carina compressa, antice dilatata munitus; periomphalum angustum, costulato-striatum; apertura subcircularis, ad basin interrupta et canali perlato aucta; perist. duplex: internum porrectum, basi fissum, externum patens et reflexum, parte canalem formante recurvata. — Operc ? — Long. 23, diam. 10 mill. Apert. diam. $6\frac{1}{2}$ mill. (Mus. Cuming.)

Cataulus recurvatus Pfr. in Proc. Zool. Soc. 1862. p. 116. t. 12. f. 2.

Habitat in sylva „Anamullay" ad radicem montium Nilagiricorum.

549. 13. **C. Blanfordi Dohrn.**

T. subperforata, ovato-fusiformis, solida, confertim striata, parum nitens, rufa; spira convexo-turrita, apice obtusiuscula; sutura levis; anfr. 10 parum convexi, ultimus angustior, antice vix ascendens; carina umbilicalis valida, compressa, antice vix dilatata; periomphalum angustum, interne costulato-striatum, medio turgidum; apertura subverticalis, subcircularis; perist. aurantio-fuscum, incrassatum, ad anfr. contiguum angustatum, caeterum angulato-reflexum, superne subproductum, lateribus late revolutum, basi canali angusto perforatum, recedens. —

Operc. corneum. — Long. 20—22½, diam. 6—7 mill. Ap. intus 3½ mill. diam., c. perist. 6½—7 longa. (Coll. Nr. 182.)

Cataulus Blanfordi Dohrn in Proc. Zool. Soc. 1862. p. 202.

— — *Pfr.* Novit. conch. I. p. 224. Nr. 327. t. 58. f. 11—13.

Habitat ad Bollegalle insulae Ceylon (H. F. Blanford).

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14. duplicatus Pfr. (Ceylon.) . . . . Pneum. II. p. 90. 550.
15. marginatus Pfr. (Ceylon.) . . . . - - - 90. 551.

XV. Rhaphaulus Pfr.

Pfr. Mon. Pneum. Suppl. p. 90. Conf. *W. T. Blanford* in Ann. and Mag. nat. hist. 1863. XII. p. 55 et Jun. 1864.

Species:

1. bombycinus Pfr. (Coll. 183 — Borneo.) . . Pneum. II. p. 91. 552.
2. Lorraini Pfr. (Pulo Penang.) . . . . - - - 91. 553.

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3. chrysallis Pfr. (Tenasserim. — *Pollicaria chrysallis Gould* Proc. Bost. Soc. VI. p. 13; Otia conch. p. 221. — Animal descriptum a Cl. Benson in Ann. and Mag. n. h. 3d ser. IV. p. 94.) . . . . - - - 92. 554.

4. **Rh. Ceramicus Martens.** † 555.

„Testa late rimata, pupiformis, confertim striatula, corneofusca; anfr. 6 convexiusculi, ultimus ad aperturam praecipiter descendens; apertura paulum resupinata; peristoma incrassatum, multiplex, expansum, flavum, continuum; foramen externum tubuli suturalis oblique sursum spectans, foramen externum tubuli columellaris margini columellari ipsi parallelum. — Long. 10, diam. maj. 4¾, min. 4, apert. incluso peristomate 4, excluso 2 millim.“ (v. M.)

Rhaphaulus Ceramicus Mart. in Monatsber. Berl. Ak. 25 Febr. 1864.

Habitat in insula Ceram Moluccarum.

XVI. Streptaulus Benson.

Pfr. Mon. Pneum. Suppl. p. 92. — *H. & A. Adams* Gen. II. p. 645 (Pt. 35. 1858): subgenus Rhaphauli. Conf. *W. T. Blanford* in Ann. and Mag. nat. hist. Jun. 1864.

Species:

556. 1. Blanfordi Bens. (Himalaya.) . . . . Pneum. II. p. 92.

XVII. Arinia H. & A. Adams.

Testa pupaeformis, Diplommatinae similis, sublaevigata. Anfractus ultimus angustatus. Apertura circularis, absque plica columellari. — Operc. corneum, arctispirum.

Arinia H. & A. Adams Gen. II. p. 288: subgenus Diplommatinae. — *Dohrn* in Proceed. Zool. Soc. 1862. p. 184: genus Pupinacearum *Cyclostomatis* et *Diplommatinae* spec. Auctorum.

Species Diplommatinae laevigatas, plica columellari deficiente, aliisque notis aberrantes, sententiam amici Dohrn adoptans, Pupinacearum tribui adscripsi.

Species:

557. 1. Sowerbyi Pfr. (Coll. 184. — Ins. Philippin. — *Cyclost. minus Sow.* — *Diplommatina Sowerbyi Pfr.* Mon.) . . . . Pneum. II. p. 10.

558. 2. **A. scalatella Dohrn.** †

„T. subobtecte perforata, ovato-oblonga, tenuis, costis distantibus transversis regulariter sculpta, pellucida, flavido-cornea; spira ovata, apice acuta; sutura valde impressa; anfr. $5^1/_2$ turgidi, ultimus attenuatus; apertura parum obliqua, circularis; peristomium late expansum, marginibus vix ad anfractum penultimum disjunctis. — Operc. extus concavum, lamelloso-arctispirum, corneum. — Long. $4^1/_2$, diam. $2^1/_4$ mill." (Dohrn ex unico specimine coll. Semperianae).

Arinia scalatella Dohrn in Proc. Zool. Soc. 1862. p. 184.

Habitat in monte Arayat insulae Luzon.

3. **A. Nilgirica Blanford.** † 559.

„Testa dextrorsa, imperforata, subovata, glabra, tenuis, nitida, cornea; spira conoidea, apice obtusa; anfr. 6 convexi, superne leniter crescentes, ultimus parum angustior, antice ascendens, carina costiformi circa umbilicum munitus; apertura subverticalis, circularis; peristoma haud dentatum, duplex; externum breviter expansum, interruptum; internum mediocriter porrectum, continuum. — Operc. corneum, subcirculare, ad suturam angulatum, planum, haud spiratum. (?) — Long. 3, diam. max. $1^1/_4$, apert. diam. $^3/_4$, anfr. ultimi long. 1 mill.“ (Bl.)

Diplommatina Nilgirica W. T. & H. F. Blanf. Contrib. to Ind. Malac. I. 1860. p. 8. II. 1861. t. 1. f. 1.
— — *W. Blanf.* in Ann. and Mag. nat. hist. Jun. 1864.

Habitat in sylvis prope Pykara versus apices montium „Nilgiri“ (ad altit. circa 7000 ped.)

4. **A. Kingiana Blanford.** † 560.

„Testa dextrorsa, subrimata, ovato-conica, glabra, tenuis, cornea; spira conica, apice obtusa, sutura impressa. Anfr. $5^1/_2$ convexi, antepenultimus major, ultimus parum angustior, antice ascendens. Apertura subverticalis, circularis, plica columellari nulla; peristoma subduplex, incrassatum, expansum; internum continuum. — Long. vix 2, diam. 1, apert. diam. $^2/_3$ mill.“ (Bl.)

Diplommatina Kingiana W. T. & H. F. Blanford Contr. to Ind. Malac. II. p. 1861. p. 2. t. 1. f. 2.
— — *W. Blanford* in Ann. and Mag. nat. hist Jun. 1864.

Habitat in montibus „Kolamullies“ dictis, prope urbem Trichinopoly, Indiae meridionalis (King).

XVIII. Pupinella Gray.

Pfr. Mon. Pneum. p. 139. Suppl. p. 93. — De animale conferatur brevis descriptio ab A. Adams in Ann. and Mag. nat. hist. 1861. 3d. ser. VII. p. 196 data.

Species:

1. pupiniformis Sow. (Coll. 185. — Ins. Luzon.) Pneum. II. p. 93. 561.

562. 2. **P. Borneensis Pfr.**

T. perforata, ovato-oblonga, tenuiuscula, confertissime capillaceo-striata, sericina, corneo-fusca; spira ventrosa, vertice acutiusculo; anfr. 7 modice convexi, ultimus penultimo multo brevior, antice dilatatus, circa perforationem cristatus; columella sicut in *P. pupiniformi;* apertura subverticalis, circularis; perist. albidum, margine dextro expanso et reflexo, sursum producto, columellari late patente. — Long. 13, diam. 5¾ mill. Ap. intus 3½ mill. longa. (Mus. Cuming.)

Pupinella Borneensis Pfr. in Proc. Zool. Soc. 1861. p. 389. t. 37. f. 1.

Habitat in insula Borneo.

XIX. Pupina Vignard.

Pfr. Mon. Pneum. p. 139. Suppl. p. 93. Conf. *W. T. Blanford* in Ann. and Mag. nat. hist. Jun. 1864. —

A. Callo nitido destitutae . . . . . . §. 1. Nr. 1— 7.
B. Callo nitido obductae . . . . . . §. 2. — 8—24.

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§. 1.

563. 1. grandis Forb. (Ins. Louisiad.) . . . . Pneum. II. p. 93.
564. 2. Moulinsiana Fisch. & Bern. (*P. leucostoma Montr.* mss. — Ins. Woodlark Louisiad.) - - - 93.
565. 3. humilis Jacq. (Nov. Guinea.) . . . . - - - 94.
566. 4. Mindorensis A. Ad. & Reeve. (Coll. 186. — Ins. Philippin.) . . . . - - - 94.

567. 5. **P. meridionalis Pfr.**

T. oblonga, tenuiuscula, levissime striatula, subpellucida, succineo-cornea; spira sensim in conum acutiusculum attenuata; sutura levis, simplex; anfr. 7, summi convexiusculi, sequentes planiores, penultimus longus, ultimus antice subascendens, basi axin excedens; apertura obliqua, circularis, bicanaliculata; callus parietalis arcuatus, latere dextro in linguam triangularem, sinistro in linguam latam, transverse truncatam abiens; perist. subincrassatum, breviter expansum, cum lingua sinistra directione parallela recedens. — Long. 13, diam. 6 mill. Ap. diam. 3⅔ mill. (Coll. Nr. 187.)

Pupina meridionalis Pfr. in Proc. Zool. Soc. 1863.
Habitat in Australia meridionali.

6. **P. planilabris Pfr.** 568.

T. subrimata, oblongo-conica, tenuiuscula, sub lente striatula, subsericea, carneo-fuscula; spira conica, apice acutiuscula; sutura simplex; anfr. 7 convexiusculi, penultimus longus, obsolete angulatus, latere aperturae subplanulatus, ultimus brevis, descendens; apertura subverticalis, circularis, lineari-bicanaliculata; callus parietalis planus, subsolutus, latere dextro breviter lingulatus, sinistro infra medium oblique resectus; perist. plane expansum, utrinque extus cum linguis junctum et infra rimam umbilicalem cristulam a canali punctiformi exeuntem formans. — Long. $12^1/_2$, diam. $5^2/_3$ mill. Ap. diam. $3^1/_2$ mill. (Coll. Nr. 188.)
Pupina planilabris Pfr. in Proc. Zool. Soc. 1863.
Habitat in Australia meridionali.

7. **P. Coxi Morelet.** † 569.

„T. late rimata, pupaeformis, cornea, subdiaphana, nitida, sub lente confertim striatula; spira oblongo-conica, apice acutiuscula; anfr. 6 convexiusculi, ultimus vix striatus, antice subplanatus, angulis spiralibus obsoletissime notatus, circa rimam umbilicalem funiculatus, breviter descendens; apertura circularis, bicanaliculata; peristoma subincrassatum, expansum, pallidum, canalibus recte dissectum, margine externo sulco superficiali circulatim bipartito, columellari strictiore. — Operc. tenue, corneum, arctispirum, nucleo concavo. — Long. 14, diam. $5^1/_2$ mill.“ (M.)
Pupina Coxi Morelet in Journ. Conch. XII. 3. 1864. p. 289.
Habitat Port-Curtis Australiae.

Obs. Species praecedenti peraffinis videtur, an ejusdem varietas?

§. 2.

8. superba Pfr. (Sumatra.) . . . . Pneum. II. p. 94. 570.

9. **P. Ottonis Dohrn.** 571.

T. ovato-acuminata, solidula, glaberrima, nitidissima, fusco-fulva; spira convexo-conica, vertice acutiusculo; sutura

callosa, submarginata; anfr. $5^1/_2$ convexiusculi, ultimus ventrosus, spiram paulo superans; apertura verticalis, sinuoso-circularis; paries aperturalis lamina erecta, compressa, intrante, cum margine dextro canalem latum formante, munitus; perist. incrassatum, expansiusculum, margine dextro antrorsum flexuoso, sinistro canali retrorsum breviter ascendente dissecto, supra canalem truncato-linguaeformi. — Operc. concolor. — Long. 10, diam. 6 mill. Ap. $3^1/_4$ mill. lata. (Coll. Nr. 189.)

Pupina Ottonis Dohrn in Proc. Zool. Soc. 1862. p. 183.

Habitat in insula Mindanao.

572. 10. **P. Vescoi Morelet.**

T. ovato-acuminata, solidula, glaberrima, nitidissima, rubello-cornea; spira ventroso-conica, vertice acutiusculo; sutura callosa, distincte marginata; anfr. $5^1/_2$ convexi, ultimus ventrosus, spiram fere aequans; apertura subverticalis, sinuoso-circularis; paries aperturalis lamina minuta, compressa, margini dextro approximata munitus; perist. vix incrassatum, expansiusculum, margine dextro vix flexuoso, sinistro canali retrorsum brevissime ascendente, dissecto, supra canalem subtriangulari. — Operc. concolor. — Long. fere 11, diam. $6^1/_2$ mill. Ap. 4 mill. lata. (Mus. Cuming.)

Pupina Vescoi Morelet in Rev. et Mag. Zool. 1862. p. 479.
— — *Crosse & Fisch.* in Journ. Conch. XI. p. 372.

Habitat Poulo Condor.

Obs. Differt a persimili *P. Ottonis* praecipue lamina parietali gracili, margini dextro magis approximata, et forma columellae.

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573. 11. bilinguis Pfr. (Coll. 190. — Australia.) . . Pneum. II. p. 94.

574. 12. **P. ventrosa Dohrn.**

T. ovato-acuminata, solidula, laevigata, nitida, fulvo-fusca; spira ventrosa, sursum conica, apice acutiusculo; sutura levis, marginata; anfr. $5^1/_2$ planiusculi, ultimus penultimo brevior; apertura subverticalis, subcircularis; callus parietalis prominens, utrinque in processus linguaeformes, cum perist. expansiusculo, vix incrassato canales angustissimos formantes, productus. — Operc. pallide corneum. — Long. 8, diam. max. $4^1/_2$ mill. Ap. diam. $2^2/_3$ mill. (Coll. Nr. 191.)

Pupina ventrosa Dohrn in Proc. Zool. Soc. 1862. p. 183.

Habitat „Cape York“ in ora Australiae.

Obs. „Nonne potius varietatibus *P. bilinguis* adnumeranda, quae species quoad staturam pervariabilis esse videtur?“ (D.)

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13. imbricifera Bens. (India.) . . . . Pneum. II. p. 94. 575.
14. aurea Hinds. (Coll. 192. — Nov. Hibern.) . . - - - 95. 576.

15. **P. Mouhoti Pfr.** 577.

T. ovato-subacuminata, tenuis, laevigata, pellucida, fusco-cornea; anfr. $5^1/_2$ convexiusculi, ultimus spiram subaequans, antice vix ascendens; sutura levissime marginata; apertura verticalis, subcircularis; paries aperturalis lamella obliqua, marginem dextrum fere tangente munitus; columella oblique dissecta, processum linguaeformem, subtriangularem exhibens; perist. reflexiusculum, margine dextro sinuato. — Operc. tenue, concolor. — Long. 9, diam. 5 mill. Apert. diam. $3^1/_2$ mill. (Mus. Cuming.)

Pupina Mouhoti Pfr. in Proc. Zool. Soc 1861. p. 196.

Habitat Camboja (Mouhot).

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16. Arula Bens. (Birmania.) . . . . Pneum. II. p. 95. 578.

17. **P. Peguensis Benson.** † 579.

„T. imperforata, subgloboso-ovata, laevigata, polita, pellucida, cornea; spira convexo-conica, apice acutiusculo, sutura calloso-marginata; anfr. $4^1/_2$, ultimo spiram superante, antice breviter ascendente, ad basin foveato; apertura subverticali, sursum spectante, circulari, angulo acuto superne adjecto, callo parietali superne et lamella intrante munita; columella profunde incisa, canalem extus progredientem lingua lata superiore obtectum callisque duobus, extus divergentibus marginatum exhibente; peristomate expansiusculo; margine dextro, supra medium arcuato, basalique crassiusculo obtusis. — Long. 6 diam. $3^1/_2$ mill.“ (B.)

Pupina Peguensis Bens. in Ann. and Mag. nat. hist. 1860. Sept.

Habitat in regione Peguensi.

Obs. Proxime affinis *P. Arulae*, a qua differt statura minore, forma, proportionibus, pelluciditate et defectu sculpturae.

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582. 20. **P. japonica Martens.** †

„T. ovata, imperforata, glaberrima, nitida, lactea, violascenti-strigosa; anfr. 6 convexi, ultimus non devians, ad aperturam breviter ascendens, dorso spiram paulo superans; sutura impressa, zona opace alba notata; apertura mediocris, ovata, superne acuta, ad marginem parietalem lamina intrante munita, intus flava; peristoma rectum, obtusum, album, margine dextro flexuoso; columella brevis, crassa, incisura fere transversa desinens in foramen oblongum, dorso testae conspicuum, in peristomate paene clausum. — Long. $9^1/_2$, diam 6 mill., apert. 5 mill. longa." (v. M.)

Pupina japonica Martens in Malak. Bl. VII. 1860. p. 43.

Habitat in Japonia.

Obs. Minor ac minus obliquata quam *P. bicanaliculata*, forma ad *P. exiguam* potius accedens.

*

586. 24. **P. Pfeifferi Dohrn.** †

T. oblonga, subpupaeformis, solidula, glaberrima, aurantiocornea vel subhyalina; spira elongata, sursum conica, obtusula; sutura anguste marginata; anfr. 6, superi convexi, penultimus planiusculus, ultimus $^1/_3$ longitudinis formans, basi rotundatus, axin excedens; callus parietalis prominulus, arcuatus, latere sinistro in laminam columellarem linguaeformem, dextro in dentem anguste triangularem desinens; canalis dexter linearis, columellaris brevissimus, foramen circulare modo exhibens; perist. incrassato-expansum. — Long. $5^2/_3$, diam. $2^2/_3$ mill. Apert. diam. vix 2 mill. (Coll. Nr. 197.)

Pupina Pfeifferi Dohrn in Proc. Zool. Soc. 1862. p. 183.

Habitat „Cape Flattery" orae Australiae.

Obs. Differt a *P. Strangei*, cui proxime affinis, lamella parietali, apertura obliqua, sutura, etc.

XX. Registoma Hasselt.

Pfr. Mon. Pneum. p. 144. Suppl. p. 96. — *Pupina Gray* 1841. Ann. of nat. hist. VI. p. 77.

Species:

1. **Registoma solitarium Martens.** † 587.

„Testa pupiformis, nitida, oblonga, facie ventrali complanata, callosa, nitidissima, crocea; spira obtusa; anfr. 5 rapide accrescentes, sutura superficiali; apertura recta, porrecta, angulo supero coarctata, margine columellari inciso; peristoma aurantium, incrassatum, paulo expansum. — Diam. maj. 7 mill., min. 5, alt. (sive longitudo) $13^1/_2$; apert. long. $6^1/_2$, lat. 5." (v. M.)

Pupina solitaria Martens in Malak. Bl. X. 1863. p 86.

Habitat in insulis Moluccis: Makian et Moti, ubi singula specimina invenit E. v. Martens.

*

2. grande Gray. (Coll. 198. — Ins. Philippin.) . Pneum. II. p. 97. 588.

Obs. Forma juvenilis heliciformis hujus speciei quondam nomine *Helicis problematicae* (incertitudinem generis indicante) descripta fuit. Conf. *Martens* in Malak. Bl. XI. 1864. p. 109.

*

3. pellucidum Sow. (Coll. 199. — Ins. Philippin.) Pneum. II. p. 97. 589.
4. simile Sow. (Coll. 200. — Ins. Philippin.) . . - - - 97. 590.
5. fuscum Gray. (Coll. 201. — Ins. Philippin.) . - - - 97. 591.
6. Cumingianum Pfr. (Coll. 202. — Var. minor, paulo ventrosior: Nova Caledonia.) . . . . - - - 97. 592.
7. exiguum Sow. (Ins. Philippin.) . . . . - - - 97. 593.
8. Nicobaricum Pfr. (Ins. Nicobar.) . . . . - - - 97. 594.

9. **R. complanatum Pease.** † 595.

„Testa oblongo-rotundata, tenuis, pellucida, vitrea, omnino

glabra, vix obliqua, laete fusco-flavescens; anfr. 6, ultimus leviter obliquus; sutura marginata (?) sed callo obtecta; apex obtusus; apertura fere circularis; labrum externum extus subincrassatum, labium internum basi incisum. — Dimensiones?

*Registoma complanatum Pease**) in Proc. Zool. Soc. 1860. p. 440.

Habitat in insula Ebon „Marshalls Group."

XXI. Callia Gray.

Pfr. Mon. Pneum. p. 148. Suppl. p. 97.

Species:

596. 1. lubrica Gray. (Coll. 203. — Ins. Philippin.) . Pneum. II. p. 98.

597. 2. **C. splendens Dohrn.**

T. imperforata, ovato-conica, tenuiuscula, laevigatissima, nitida, pellucida, rubello-cornea; spira subregulariter conica, apice acutiuscula; sutura impressa, distincte marginata; anfr. 5 modice convexi, ultimus spira vix brevior, non descendens; apertura verticalis, imperfecte circularis; perist. incrassatum et expansum, marginibus distantibus, utroque integro, columellari subtumido. — Long. $6^2/_3$, diam. 4 mill. Apert. 3 mill. alt. (Coll. Nr. 204.)

Callia splendens Dohrn in Proc. Zool. Soc. 1862. p. 183.

Habitat „Lizard Island" orae Australiae.

598. 3. **C. Wallacei Pfr.**

T. irregulariter pupaeformis, solidula, laevigatissima, callo nitido obducta, fulvo-carnea vel albida; spira irregularis, apice

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*) Shell elongately circular, light, thin, pellucid, vitreous, straight; whorls six, last slightly oblique, surface smooth, enamelled [sutures marginated (?) but covered with enamel, rendering the entire surface smooth]; apex obtuse; aperture nearly circular (semilunar); outer lip slightly thickened externally; inner lip notched at base. Colour light brownish yellow." (P.)

brevissime conoidea; sutura indistincta; anfr. sub-4$^1/_2$, summi vix conspicui, 2 ultimi antrorsum deviantes; apertura subcircularis, integra; perist. rectum, leviter incrassatum, ad parietem aperturalem adnatum, parte columellari subinflata. — Operc.? — Long. 5, diam. 3 mill. Apert. diam. 1$^1/_2$ mill. (Coll. Nr. 205.)

Callia Wallacei Pfr. in Proc. Zool. Soc. 1862. p. 117. t. 12. f. 1.

Habitat in insula Ceram (Wallace).

Subfam. IV. Licinea.

Pfr. Mon. Pneum. Suppl. p. 98.

XXII. Jamaicia C. B. Adams.

Pfr. Mon. Pneum. p. 149. Suppl. p. 98.

Species:

1. anomala C. B Adams. (Coll. 206. — Jamaica.)	Pneum. II. p. 98.	599.
2. Moussoniana C. B. Adams. (Coll. 207. — Jamaica.)	- - - 98.	600.

XXIII. Licina Gray.

Pfr. Mon. Pneum. p. 150. Suppl. p. 98.

Species:

1. labeo Müll. (Habitat?)	Pneum. II. p. 98.	601.
2. dubia Gmel. (Habitat?)	- - - 98.	602.
3. evoluta Reeve. (Coll. 208. — Haiti: *Weinl.* in Malak. Bl. IX. 1862. p. 200.)	- - - 98.	603.
4. Reeveana Pfr. (Ind. occident.)	- - - 98.	604

5. **L. ? rete Weinland.** 605.

T. compresse umbilicata, ovato-turrita, solida, striis spiralibus et longitudinalibus (nonnullis elevatioribus, subvarici-

formibus) anguste reticulata, nitidula, lilaceo-carnea; spira regulariter attenuata, sublate truncata; sutura simplex; anfr. superst. 4 convexi, ultimus antice solutus; apertura subverticalis, ovalis; perist. duplex: internum continuum, expansum, adnatum, externum subaequaliter patens, latere umbilici angustatum et subreflexum. — Operc.? — Long. 30, diam. 16 mill. Ap. c. perist. $15^1/_2$ mill. longa, $13^1/_2$ lata. (Coll. Weinland.)

Cyclostoma rete Weinl. in Malak. Bl. IX. 1862. p. 195

Licina ? rete Pfr. ibid. p. 200.

Habitat in insula Haiti.

XXIV. Choanopoma Pfr.

Pfr. Mon. Pneum. p. 154. Suppl. p. 99.

Conspectus specierum.

A. Oblongae vel ovato-conicae . . .	§. 1. Nr.	1—21.
B. Scalares	§. 2. —	22—23.
C. Globoso-conicae.		
1. Margine peristomatis undulato .	§. 3. —	24—33.
2. Margine peristomatis plano . .	§. 4. —	34—40.
C. Depressae	§. 5. —	41—49.

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§. 1.

606. 1. majusculum Mor. (Coll. 209. — *Cyclostoma Reeve* t. 21. f. 141. — Cuba.) . . . . . . Pneum. II. p. 99.

607. 2. decussatum Lam. (Coll. 210. — *Cyclostoma Reeve* t. 22. f. 148. — Portorico.) . . . . - - - 99.

608. 3. senticosum Shuttl. (Coll. 211. — Portorico.) - - - 99.

609. 4. **Ch. Bebini Arango.**

T. perforata, oblongo-turrita, solidula, liris elevatis et costulis longitudinalibus confertioribus regulariter clathrata, nitidula, fuscula, punctis et fasciis interruptis castaneis variegata; spira elongata, breviter truncata; sutura crenulata; anfr. superst. $5^1/_2$ modice convexi, ultimus convexior, non solutus; apertura verticalis, ovali-rotundata; perist. subsimplex, undique

breviter patens, castaneo-radiatum, ad anfr. contiguum angustatum. -- Operc. planiusculum, marginibus anfractuum vix elevatis. — Long. 18, diam. $7^1/_2$ mill. Apert. 6, cum perist. 7 mill. longa. (Coll. Nr. 212.)

Cyclostoma Bebini Arango mss.

Choanopoma Bebini Pfr. in Malak. Bl. X. 1863. p. 191.

Habitat in parte occidentali insulae Cubae.

Obs. Species 2 praecedentibus affinis.

5. **Ch. Blaini Gundlach.** 610.

T. subobtecte umbilicata, ovato-turrita, solida, liris spiralibus filiformibus, costulisque longitudinalibus confertissimis decussata, grisea; spira turbinata, breviter truncata; anfr. superst. fere 4 convexi, ultimus non solutus; apertura verticalis, subcircularis; perist. duplex: internum vix prominens, externum undique subaequaliter patens, latere sinistro sinuatum et supra umbilicum dilatato-reflexum. — Operc. concaviusculum, marginibus anfractuum oblique elevatis. — Long. 16, diam. 9 mill. Apert. diam. 6 mill. (Coll. Nr. 213.)

Cyclostoma Blaini Gundl. in litt.

Choanopoma Blaini Pfr. in Malak. Bl. X. 1863. p. 191

β. Margine sinistro peristomatis distinctius bilobato.

Habitat in parte occidentali insulae Cubae.

6. **Ch. minium Gundlach.** 611.

T. rimato-perforata, turrita, liris confertis cincta et striis elevatis levioribus decussatula, miniata, interdum albido variegata vel lineis fuscis signata; spira subregulariter attenuata, integra, acutiuscula; sutura conferte albo-denticulata; anfr. 7 convexi, ultimus antice solutus, circa umbilicum liris fortioribus munitus; apertura verticalis, ovali-circularis; perist. duplex: internum vix porrectum, externum sublate rectangule patens, concentrice lamellatum, superne auriculatum, juxta anfr. proximum fere excisum. — Operc. concavum, marginibus anfractuum late elevatis. — Long. 15—16, diam. 7 mill. Ap. excl. perist. $4^2/_3$ mill. longa, 4 lata. (Coll. Nr. 214.)

Cyclostoma minium Gundl. in Malak. Bl. V. 1858. p. 45.

— — *Pocy* Ind. p. 4. n. 464.

— — *Reeve* Conch. ic. sp. 152. t. 22.

Habitat prope Guisa insulae Cubae.

612. 7. **Ch. tractum Gundlach.**

T. vix perforata, oblongo-turrita, tenuiuscula, liris obtusis et striis elevatis confertioribus clathrata, parum nitens, corneo-albida, punctis rufis subfasciata et strigata; spira sursum parum attenuata, truncata; sutura confertissime denticulata; anfr. superst. fere 5 modice convexi, ultimus non solutus; apertura verticalis, subovalis; perist. duplex: internum breviter porrectum, externum subaequaliter patens, concentrice striatum, superne subauriculatum, margine sinistro undulato. — Operc. praeced. — Long. 16, diam. $6^1/_2$ mill. Ap. $4^1/_2$ mill. longa, $3^2/_3$ lata. (Coll. Nr. 215.)

Cyclostoma tractum Gundl. in Malak. Bl. V. 1858. p. 45.
— — *Poey* Ind. p. 4. n. 346.

Habitat prope Guisa insulae Cubae.

613. 8. **Ch. Puertoplatense Pfr.**

T. subperforata, oblongo-turrita, solidula, distincte lirata, costis compressis confertis, hinc inde (plerumque geminatim) majoribus, lamellaribus sculpta, opaca, sordide albida, rufulo variegata; spira convexo-turrita, late truncata; sutura irregulariter denticulata; anfr. superst. 4 angulato-rotundati, ultimus breviter solutus, basi profunde sulcatus; apertura vix obliqua, subcircularis; perist. duplex: internum vix prominens, externum patens, concentrice striatum, castaneo-maculatum, lateribus basali et sinistro undulato-dentatum. — Operc. album, marginibus anfr. acute elevatis. — Long. $10^1/_2$, diam. 5 mill. Ap. diam. $2^3/_4$ mill. (Coll. Nr. 216.)

Choanopoma Puertoplatense Pfr. in Malak. Bl. V. 1858. p. 140. t. 2. f. 7. 8.

Habitat prope Puerto Plata insulae Haiti (Hjalmarson).

614. 9. **Ch. Jiguanense Pfr.**

T. subperforata, oblongo-turrita, solidula, liris confertis et costis confertioribus anguste clathrata, pallide fuscula vel fusculo-albida, fasciis obsoletis interruptis rufis signata; spira convexiusculo-turrita, breviter truncata; sutura valide crenata; anfr. superst. $4^1/_2$ convexiusculi, ultimus non solutus; apertura verticalis, vix ovalis; perist. duplex: internum vix porrectum, expansiusculum, externum subaequaliter patens, superne subdilatatum, ad anfr. contiguum angustatum, tum obsolete

plicatum. — Operc. *Choan. perplicati.* — Long. 14, diam. 6 mill. Ap. fere 4 mill. longa. (Coll. Nr. 217.)

Choanopoma Jiguanense Pfr. in Malak. Bl. VIII. 1861. p. 223.

Habitat prope Jiguaní (districti Bayamensis) insulae Cubae (Wright).

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10. perplicatum Gundl. (Coll. 218. — *Cyclostoma Reeve* t. 21. f. 138. — Cuba.) . . . . Pneum. II. p. 100. 615.

11. Ch. Sauvallei Gundlach. 616.

T. perforata, ovato-turrita, solidula, liris spiralibus indistinctis costulisque lamellaribus confertissimis sculpta, albida; spira turbinata, breviter truncata; sutura profunda, costulis fasciculatis alte crenata; anfr. superst. fere 4 convexi, ultimus antice subsolutus; apertura verticalis, subcircularis; perist. duplex: internum adnatum, externum breviter expansum, superne productum, latere sinistro dilatatum, patens. — Operc. arctispirum, marginibus anfractuum acute elevatis. — Long. (spec. max.) 12, diam. $6^2/_3$ mill. Apert. diam. 4 mill. (Coll. Nr. 219.)

Cyclostoma Sauvallei Gundl. in litt.

Choanopoma Sauvallei Pfr. in Malak. Bl. X. 1863. p. 192.

Habitat in parte occidentali insulae Cubae.

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12. Arangianum Gundl. (Coll. 220. — *Cyclostoma Reeve* t. 21. f. 139. — *β.* Major, perist. rubello, long. $17^1/_2$, diam. 8 mill.: Pico Turquino. — Cuba.) . . . . Pneum. II. p. 100. 617.

13. sulculosum Fér. (Coll. 221. — *Cyclostoma Reeve* t. 16. f. 105. — Ins. St. Bartholom. et Vieque.) . . . . - - - 101. 618.

14. granosum C. B. Adams. (Coll. 222. — Jamaica.) . . . . - - - 101. 619.

15. Ch. Lachneri Pfr. 620.

T. subperforata, turrita, tenuiuscula, confertissime lamelloso-plicata, diaphana, cerea; spira regulariter attenuata, vix truncatula; sutura subcrenata; anfr. superst. 5 convexi, obsolete subangulati, ultimus sublate solutus, dorso vix compressus; apertura subverticalis, fere circularis; perist. subdupli-

catum, margine externo subaequaliter patente, plicato-crenulato, superne levissime auriculato. — Operc. typicum. — Long. 9, diam. $4^1/_2$ mill. Ap. $2^1/_4$ mill. longa. (Coll. Nr. 223.)

Choanopoma Lachneri Pfr. in Malak. Bl. VIII. 1861. p. 223.

Habitat Catalina prope Sagua de Támano insulae Cubae.

621. 16. **Ch. Troscheli Pfr.**

T. perforata, oblongo-turrita, truncata, solidula, alabastrina, striis chordaeformibus (circiter quinta quavis prominentiore) sculpta; spira sensim attenuata, late truncata; sutura lamelloso-denticulata; anfr. superst. 4 convexi, ultimus non solutus, circa perforationem lira unica obsoleta munitus; apertura subverticalis, circularis; perist. duplex: internum nitide album, expansum, adnatum, externum subaequaliter patens, concentrice striatum. — Operc. planum, marginibus anfractuum elevatis. — Long. 7, diam. $3^1/_2$ mill. (Coll. Nr. 224.)

Choanopoma Troscheli Pfr. in Malak. Bl. XI. 1864. p. 103.

Habitat „Cayos de San Felipe“ in parte occidentali insulae Cubae.

Obs. Species praecedenti affinis, anfractu ultimo non soluto et peristomate non undulato statim distinguenda.

622. 17. **Ch. Storchi Pfr.**

T. subperforata, oblongo-turrita, truncata, tenuiuscula, confertissime filoso-costulata, pallide cornea, diaphana; spira lente attenuata, truncata (in junioribus acutiuscula); sutura irregulariter crenulata; anfr. superst. $4^1/_2$ convexi, ultimus sublonge solutus, teres; apertura verticalis, subcircularis; perist. duplex: internum breviter porrectum, externum undique subaequaliter patens. — Operc. Choanopomatis. (Gdl.) — Long. 10, diam. $3^1/_2$ mill. Ap. $2^1/_3$ mill. lata, vix longior. (Coll. Nr. 225.)

Choanopoma Storchi Pfr. in Malak. Bl. VIII. 1861. p. 222.

Habitat „Cayo del Rey“ insulae Cubae (Wright).

623. 18. **Ch. occidentale Pfr.**

T. subperforata, oblongo-turrita, solidula, truncata, liris obsoletis cincta et costulis longitudinalibus chordaeformibus subfasciculatis sculpta, haud nitens, fulvida, interdum fasciis interruptis rufis indistincte notata; spira regulariter attenuata;

sutura irregulariter et valide dentata; anfr. superst. fere 5 convexi, ultimus breviter solutus; apertura subverticalis, ovalis; perist. simplex, breviter expansum. — Operc. anfr. 3 margine elevatos exhibens. — Long. $12^1/_2$—13, diam. $5^1/_2$—6 mill. Ap. $3^1/_2$ mill. longa, $3^1/_4$ lata. (Coll. Nr. 226.)

Choanopoma occidentale Pfr. in Malak. Bl. VII. 1860. p. 216. t. 3. f. 11—13.

Habitat in insula Martinique (Cloué teste Riise.)

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19. sordidum Gundl. (Coll. 227. — Operc. planiusculum, nucleo subcentrali, marginibus anfractuum acute elevatis: *Pfr.* in Malak. Bl. X. 1863. p. 193. — *Ctenopoma sordidum Pfr.* Pneum. Suppl. p. 106. — Cuba.) . . . . Pneum. II. p. 106. 624.

20. **Ch. Daudinoti Gundlach.** 625.

T. subobtecte perforata, oblongo-turrita, breviter truncata, costis confertis subargutis sculpta, diaphana, albido-cornea; spira sensim attenuata; sutura denticulis acutis albis munita; anfr. superst. $4^1/_2$—5, modice convexi, infra suturam interdum liris nonnullis indistinctis sculpti, ultimus breviter solutus; apertura subverticalis, ovali-rotundata; perist. duplex: internum vix porrectum, externum subaequaliter patens, superne productum, juxta perforationem subexcisum. — Operc. extus parum concavum, marginibus anfr liberis. — Long. 10, diam. 4 mill. (Coll. Nr. 228 spec. maximum, alia adulta dimidio minora.)

Cyclostoma Daudinoti Gundl. mss.

— — *Reeve* Conch. ic. sp. 151. t. 22.

Choanopoma Daudinoti Pfr. in Malak. Bl. VI. 1859. p. 69.

Habitat monte Toro districti Guantanamensis insulae Cubae.

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21. pisum C. B. Adams. (Coll. 229. — *Ctenopoma pisum Pfr.* Mon. Pneum. Suppl. p. 107. — Jamaica.) . . . . Pneum. I. p. 156. 626.

§. 2.

22. **Ch. hystrix Wright.** 627.

T. perforata, scalariformi-turrita, plerumque subtruncata, solidula, conferte striata, pallide isabellina; spira turrita, apice

obtusula; anfr. (integr.) 10, summi convexi, sequentes biangulati, in quovis angulo serie spinarum albarum tubuliformium muniti, ultimus omnino solutus, deflexus, seriebus 3 spinarum munitus; apertura subverticalis, parvula, subcircularis; perist late reflexum, valide quadriplicatum, margine sinistro linea recta decisum. — Operc. testaceum, nucleo subcentrali, marginibus anfractuum elevatis, extimi perelevato, cucullatim reliquos tegente. — Long. 18, diam. max. 6 mill. Ap. diam. $3^1/_3$ mill. (Coll. Nr. 230.)

Cyclostoma pterostomum Wright mss. olim.
— — *„Gundl.“ Poey* Memor. II. p. 405. (Nomen.)
— *hystrix Wright*, *Gundl.* in litt.
Choanopoma hystrix Pfr. in Malak. Bl. VIII. 1861. p. 221. IX. 1862. p. 2. t. 1. f. 1—3.

Habitat Cayo del Rey insulae Cubae (Wright, Jeanneret).

Obs. Species elegantissima, non solum operculi formatione, sed praecipue sculptura insignis! Operculum simile in nulla specie vidi, attamen ad typum Choanopomatum referendum est, a normalibus eo diversum, quod margo anfractus ultimi alte cucullatim elevatus et inflexus sit. Spinae cavae bi- et in ultimo anfractu triseriatae solum cum illis Cylindrellae Elliotti (e parte occidentali insulae Cubae) comparari possunt. Varietas nuperius lecta est, cujus anfractus ultimus breviter modo solutus est, ita ut peristomatis pars suprema contiguum fere attingat.

628. 23. **Ch. echinus Wright.**

T. scalaris, tenuiuscula, lamelloso-striata, acute spinosa, truncata, pallide isabellina; anfr. superst. $2^1/_2$–3, perfecte liberi, oblique descendentes, seriebus 4 spinarum cavarum (quarum infima verticali) ornati; apertura circularis; perist. simplex, expansum, angulis radiantibus, ad dextram majoribus, sulcatis, ad sinistram minoribus ornatum. — Operc. immersum, arctispirum, marginibus anfractuum acute fere verticaliter elevatis. — Diam. maj. $6^1/_2$, alt. circa 6 mill. (Coll. Nr. 231.)

Cyclostoma (Choanopoma) *Wright* mss., *Pfr.* in Malak. Bl. XI. 1864. p. 102.

Habitat Vignales in parte occidentali insulae Cubae (Wright).

Obs. Differt a praecedente, cui primo aspectu persimilis, statura, anfractibus omnibus (qui in adultis supersunt) liberis, seriebus spinarum 4, peristomate et operculo.

§. 3.

629. 44. pulchrum Wood. (Coll. 232. — *Cyclostoma Reeve* t. 20. f. 132. — Jamaica.) . . . . Pneum. II. p. 101.

25. Lincina Linn. (Coll. 233. — *Cyclostoma* 630.
Reeve t. 20. f. 135. — Jamaica.) . . . . Pneum. II. p 101.
26. fimbriatulum Sow. (Coll. 234. — *Cyclostoma* 631.
Reeve t. 20. f. 133. — Jamaica.) . . . . - - - 101.
27. Chittyi C. B. Adams. (Coll. 235. — *Cyclostoma Reeve* t. 20. f. 129. — Jamaica.) . . - - - 101. 632.
28. scabriculum Sow. (Coll. 236. — *Cyclostoma* 633
Reeve t. 20. f. 136. — Jamaica.) . . . . - - - 101.
29. Hillianum C. B. Adams. (Coll. 237. — *Cyclostoma Reeve* t. 22. f. 147. — Jamaica.) . . - - - 101. 634.
30. spinulosum C. B. Adams. (Coll. 238. — *Cyclostoma Reeve* t. 20. f. 131. — Jamaica.) . . - - - 101. 635.
31. mite Pfr. (*Cyclostoma Reeve* t. 20. f. 130. — 636.
Jamaica.) . . . . - - - 101.

32. **Ch. decoloratum Gundlach.** 637.

T. umbilicata, globoso-conica, tenuiuscula, liris obtusis et costulis confertissimis illas transgredientibus sculpta, vix diaphana, albida; spira turbinata, apice acuta; sutura profunda; anfr. $5^{1}/_{2}$ convexi, ultimus antice breviter solutus, ad umbilicum apertum liris fortioribus munitus; apertura vix obliqua, subcircularis; perist. subduplicatum, breviter expansum, undulato-crenulatum. — Operc. margine profunde sulcatum, facie externa calcareum, concavum, margine profunde sulcatum, facie externa calcareum, concavum, margine anfractuum vix prominente. — Diam. maj. $10^{1}/_{2}$, min. 8, alt. 8 mill. (Coll. Nr. 239.)

Cyclostoma decoloratum Gundl. in Malak. Bl. VI. 1859. p. 70.
— — *Reeve* Conch. ic. sp. 150. t. 22.

Habitat in districto Guantanamensi insulae Cubae.

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33. Pretrei Orb. (Coll. 240. — *Cyclostoma Reeve* 638.
t. 122. f. 144. — Cuba.) . . . . Pneum. II. p. 101.

§. 4.

34. interruptum Lam. (Coll. 241. — *Cyclostoma* 639.
Reeve t. 21. f. 142. — Jamaica.) . . . . - - - 101.
35. lima C. B. Adams. (Coll. 242. — *Cyclostoma* 640.
Reeve t. 21. f. 140. Var. *C. Blandianum Reeve*
t. 20. f. 134. — Jamaica.) . . . . - - - 102.
36. lincinellum Lam. (Coll. 243. — *Cyclostoma* 641.
Reeve t. 21. f. 137. — Haiti.) . . . . . . - - - 102.

37. **Ch. Yaterasense Pfr.** 642.

T. umbilicata, depresso-turbinata, tenuiuscula, conferte

striata et costis chordaeformibus antice distantioribus sculpta, vix nitidula, pallide isabellina, lineis nonnullis fulvidis cincta; spira breviter turbinata, acutiuscula, anfr. 5 modice convexi, ultimus dilatatus, non solutus, circa umbilicum apertum, mediocrem lira filiformi munitus; apertura obliqua, ovali-circularis, intus carnea, nitida; perist. subduplex: internum vix porrectum, externum patulum, margine dextro angustissimum, superne cucullatim productum, margine sinistro dilatatum. — Operc. planum, marginibus anfr. vix liberis. — Diam. maj. 13, min. 10, alt. 8 mill. (Coll. Nr. 244.)

Cyclostoma Yaterasense (Choanopoma) *Pfr.* in Malak. Bl. VI. 1859. p. 71.

Habitat Yateras districti Guantanamensis insulae Cubae (Gundlach).

643. 38. **Ch. Yunquense Pfr.**

T. mediocriter umbilicata, tenuis, globoso-turbinata, dense striata et costulis chordaeformibus sculpta, subpellucida, carnea; spira turbinata, obtusula; sutura profunda, costulis denticulata; anfr. $4^1/_2$ convexi, ultimus rotundatus, antice vix solutus, circa umbilicum filocarinatus; apertura parum obliqua, subcircularis; perist. continuum, breviter expansum, superne breviter et acute productum. — Operc. 4-spiratum, nucleo subcentrali, marginibus anfractuum liberis, elevatis. — Diam. maj. $8—9^1/_3$, min. $6^2/_3—7^3/_4$, alt. $6^1/_2—7^1/_2$ mill. Ap. diam. $4—4^1/_2$ mill. (Coll. Nr. 245.)

Cyclostoma Yunquense (Choanopoma) *Pfr.* in Malak. Bl. VII. 1860. p. 26.

Habitat in monte Yunque partis orientalis insulae Cubae (Gundlach).

Obs. Species nonnullae cubanae similes propter operculi formationem generi Cistulae adscribendae fuerunt, ubi in §. 1 comparandae sunt.

644. 39. **Ch. fragile Gundlach.**

T. umbilicata, globoso-conica, tenuis, levissime striatula, pellucida, nitida, albido-cornea; spira turbinata, vertice obtusulo vel breviter truncato; sutura profunda; anfr. 5 rotundati, ultimus antice subsolutus, circa umbilicum mediocrem, conicum indistincte liratus; apertura parum obliqua, ovali-rotundata; perist. simplex, undique breviter expansum. — Operc. utrinque subplanum, marginibus strati calcarei exterioris vix liberis. — Diam. maj. 11, min. 9, alt. 9 mill. (Coll. Nr. 246.)

Cyclostoma fragile Gundl. in lit.
— — *Reeve* Conch. ic. sp. 153. t. 23.
Choanopoma fragile Pfr. in Malak. Bl. VI. 1859. p. 70.

Habitat in districto Guantanamensi insulae Cubae.

40. **Ch. serraticosta Weinland.** 645.

T. aperte perforata, globoso-turrita, breviter truncata, tenuis, costis lamellaribus subserratis et interjectis filaribus munita, fulvida, fasciis interruptis rufis cincta; anfr. superst. 3 convexi, ultimus teres; apertura vix obliqua, subcircularis; perist. tenue, continuum, subcampanulato-expansum, rufo-radiatum, concentrice striatum, margine dextro latiore. — Operc. solidum. — Long. $6^1/_2$, diam. $4^1/_2$ mill. Apert. diam. (incluso perist.) $3^2/_3$ mill. (Coll. Nr. 247.)

Cyclostoma serraticosta Weinl. in Malak. Bl. IX. 1862. p. 89.
Choanopoma serraticosta Pfr. ibid. p. 94.

Habitat prope Corail insulae Haiti.

§. 5.

41. **Ch. eburneum Gundlach.** 646.

T. late umbilicata, depressa, fere discoidea, solidula, conferte filoso-plicata, diaphana, nitida, eburnea; spira vix elevata, vertice minuto, prominulo, lutescente; anfr. 4 convexiusculi, rapide accrescentes, ultimus subteres, antice vix descendens, ad aperturam superne subinflatus; apertura diagonalis, subcircularis, intus concolor; perist. subsimplex, breviter expansum, ad angulum superum anfractus ultimi extremitate alata duplicatum, superstructum. — Operc. album, marginibus anfractuum late et acute patentibus. — Diam. maj. $17^2/_3$, min. 14, alt. $7^1/_2$ mill. Ap. diam. 7 mill. (Coll. Nr. 248.)

Cyclostoma eburneum Gundl. in litt.
— — *Reeve* Conch. ic. sp. 159. t. 23.
Choanopoma eburneum Pfr in Malak Bl. V. 1858. p. 188; Novit. conch. I. p. 193. N. 294. t. 51. f. 17. 18.

Habitat in parte orientali insulae Cubae. (In rupibus calcareis „Cafetal Santa Maria“ districti Ramon: Gundl.)

42. **Ch. auricomum Gundlach.** 647.

T. umbilicata, conoideo-depressa, solidula, leviter striata,

nitidula, carnea unicolor vel lineis corneis irregulariter cingulata; spira parum elevata, vertice minuto, subpapillari; anfr. $4^1/_2$ modice convexi, ultimus antice descendens, in umbilico latiusculo, aperto spiraliter subliratus; apertura fere diagonalis, ovali-rotundata, in fundo fulvescens, nitida; perist. simplex, interruptum, breviter expansum, marginibus supero et sinistro ad insertionem dilatatis. — Operc. praecedentis. — Diam. maj. 16, min. $12^1/_3$, alt. 8 mill. (Coll. Nr. 249.)

Cyclostoma auricomum Gundl. in litt.

— — *Reeve* Conch. ic. sp. 90. t. 14.

Choanopoma auricomum Pfr. in Malak. Bl. VI. 1859. p. 71; Novit. Conch. I. p. 194. N. 295. t. 51. f. 19—21.

Habitat Guantánamo insulae Cubae.

648. 45. **Ch. putre Gundlach.**

T. late umbilicata, conoideo-depressa, solida, conferte rugoso-plicata, parum nitens, carneo-albida, lineis fulvis vel corneis saepe cincta; spira breviter conoidea; anfr. 5 modice convexi, ultimus teres, antice descendens, non solutus; apertura diagonalis, ovalis, intus castanea, nitida; perist. album, simplex, ad anfr. contiguum breviter adnatum, margine dextro recto, sinistro reflexiusculo. — Operc. subplanum, marginibus anfractuum vix elevatis. — Diam maj. (spec. max.) 16, min. 14, alt. $10^1/_2$ mill. Ap. 8 mill. longa, 6 lata. (Coll. Nr. 250.)

Cyclostoma putre Gundl. in litt.

Choanopoma putre Pfr. in Malak. Bl. X. 1863. p. 193.

Habitat in parte orientali insulae Cubae (Jeanneret, Wright).

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649. 44. alatum Pfr. (Coll. 251. — Malak. Bl. 1862. p. 2. — *Cyclostoma Reeve* t. 23. f. 161. — Cuba. In monte inter Holguin et Barajagua. Var. major: inter Demajagua et Guantánamo: *Wright.*) . . . . Pneum. II. p. 102.

650. 45. solutum Rich. (Coll. 252. — Malak. Bl. 1858. p. 138. Operc. normale. — *Cyclostoma Reeve* t. 23. f. 160. — Lectum a dom. Hjalmarson prope fluvium Jamao partis septentrionalis insulae Haiti.) . . . . - - - 102.

651. 46. **Ch. Wilhelmi Pfr.**

T. late umbilicata, turbinato-depressa, solidula, liris spiralibus et costulis radiantibus saepe undulatis clathratula, haud

nitens, violaceo et fulvo variegata; spira turbinata, acutiuscula; sutura anguste canaliculata, serrulata; anfr. 5 subangulati, celeriter accrescentes; apertura obliqua, circularis; perist. duplex: internum vix prominens, externum campanulato-dilatatum, intus concentrice striatum et castaneo-radiatum, anfr. contiguo breviter adnatum. — Operc. album, arctispirum, marginibus anfractuum acute elevatis. — Diam. maj. 10, min. $8^1/_3$, alt. 5 mill. Apert. diam. 3 mill. (Coll. Nr. 253.)

Choanopoma Wilhelmi Pfr. in Malak. Bl. V. 1858. p. 139. t. 2. f. 1—3.

β. Testa minore, pallida, liris 5 carinaeformibus distinctis.

Habitat prope Puerto Plata insulae Haiti (Hjalmarson).

47. **Ch. Rosaliae Pfr.** 652.

T. late umbilicata, turbinato-depressa, tenuis, spiraliter sublirata, striis radiantibus confertissimis et costis lamellaribus acute dentatis munita, subpellucida, fulvido-albescens, castaneo magis minusve distincte fasciata; spira turbinata, in apicem acutiusculum elevatum producta; sutura denticulata; anfr. 5 subangulati, celeriter accrescentes; apertura vix obliqua, circularis; perist. duplex: internum vix prominulum, externum rectangule patens, concentrice lamellatum, undulatum et castaneo-radiatum. — Operc. album, concavum, anfract. latis, marginibus parum elevatis. — Diam. maj. $9^1/_3$, min. $7^2/_3$, alt. 6 mill. Ap. diam. 3 mill. (Coll. Nr. 254.)

Choanopoma Rosaliae Pfr. in Malak. Bl. V. 1858. p. 139. t. 2. f. 4—6.

Habitat in monte Diego Campos insulae Haiti (Hjalmarson).

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48. Adolfi Pfr. (Coll. 255. — *Cyclostoma Reeve* t. 22. f. 146. — Haiti.) . . . . Pneum. II. p. 102. 653.
49. tentorium Pfr. (Coll. 256. — *Cyclostoma Reeve* t. 22. f. 145. — Haiti.) . . . . . . - - - 102. 654.

XXV. Cyclotopsis W. T. Blanford.

„Testa late umbilicata, depressa v. turbinato-depressa, spiraliter lirata; apertura subcirculari. Operculum concentricum, multispirum, duplex, interne membranaceum, externe testaceum, marginibus anfractuum externis elevatis. — Animal Cyclostomatis, non Cyclophori.“ (Bl.)

Cyclotopsis (novum genus Cyclostomidarum) *W. T. Blanf.* in Ann. and Mag. nat. hist. Jun. 1864.

Cyclostoma sp., *Cyclotus* sp. Auct.

Genus characteribus plurimis Choanopomati affine.

Species:

655. 1. semistriata Sow. (Coll. 257. — *Cyclotus Pfr.* Mon. et Suppl. — *Reeve* t. 4. f. 16. — *Cyclotopsis Blanf.* l. c. — Ind. orient.) . . . . Pneum. II. p. 20.

656. 2. subdiscoidea Sow. (*Cyclotus Pfr.* Mon. et Suppl. — *Reeve* t. 4. f. 21. — *Cyclotus aratus Bens., Pfr.* Mon. — Ind. oriental. — „An eadem species ac praecedens?“ Blanf.) . - - - 23.

Obs. Conf. *Cyclotus spurcus Grat.* et *Cyclotus Trailli Pfr.*

XXVI. Ctenopoma Shuttleworth.

Pfr. Mon. Pneum. Suppl. p. 102.

Conspectus specierum.

A. Umbilico clauso	§. 1.	Nr.	1— 6.
B. Subrimatae	§. 2.	—	7— 9.
C. Perforatione sublibera.			
a. Peristomate subsimplice . . .	§. 3.	—	10—11.
b. Peristomate duplice	§. 4.	—	12—18.
c. Peristomate undulato vel crenato	§. 5.	—	19—25.

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§. 1.

657. 1. **Ct. torquatum Gutierrez.**

T. clause perforata, ovato-oblonga, truncata, solidula, liris spiralibus costisque chordaeformibus illas transgredientibus, confertissimis, fasciculatis sculpta, albida; sutura fortiter fasciculato-crenata; anfr. superst. fere 4 modice convexi, ultimus antice nodulo anfractum contiguum tangente lirisque basalibus nonnullis validioribus munitus; apertura verticalis, ovalis; perist. duplex: internum parum prominens, externum superne et latere sinistro late expansum, supra umbilicum adnatum,

caeterum anguste patens. — Operc. planum, terminale. — Long. 11, diam. 6 mill. Apert. $3^2/_3$ mill. alta. (Coll. Nr. 258.)

Cyclostoma torquatum Gut., *Poey* Memor. II. p. 34. t. 4. f. 2.

Ctenopoma torquatum Pfr. Mon. Pneum. Suppl. p. 105. (ex Poey).

Habitat prope Cienfuegos in parte meridionali insulae Cubae.

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2. echinatum Gundl. (Coll. 259. -- Cuba.) . Pneum. II. p. 103. 658.
3. honestum Poey. (Coll. 260. — *Cyclostoma* 659.
Reeve t. 17. f. 108. — Cuba.) . . . . . - - - 105.

4. Ct. undosum Gundlach. 660.

T. clause perforata, oblongo-turrita, solida, liris paucis spiralibus undulatis, validis costulisque lamellaribus sculpta; spira oblonga, truncata; sutura crenulata; anfr. superst. $3^1/_2$—4, superi subangulati, ultimus non solutus; apertura verticalis, subcircularis; perist. breviter expansum, undulatum, lamina dilatata umbilicum omnino claudens. — Operc. normale, terminale. — Long. (spec. max.) $7^1/_2$, diam. 4 mill. Apert. diam. $2^1/_2$ mill. (Coll. Nr. 261.)

Cyclostoma undosum Gundl. in litt.

Ctenopoma undosum Pfr. in Malak. Bl. X. 1863. p. 193.

Habitat in parte occidentali insulae Cubae.

5. Ct. pulverulentum Wright. 661.

T. clause perforata, turrita, truncata, solidula, longitudinaliter confertissime chordato-striatula, carneo-alabastrina; spira regulariter attenuata, sublate truncata; sutura fasciculatim et grosse crenata; anfr. superst. 5 convexi, ultimus non solutus, liris nonnullis obsoletis basi sculptus; apertura verticalis, subcircularis; perist. duplex: internum vix prominulum, externum anguste patens, superne productum, supra perforationem adnatum, tum breviter auriculatum. — Operc. planum, anfractibus parum conspicuis, nucleo impresso. — Long. $7^1/_3$, diam. 3 mill. (Coll. Nr. 262.)

Ctenopoma pulverulentum Wright mss., *Pfr.* in Malak. Bl 1864 X. p. 103.

Habitat in parte occidentali insulae Cubae (Wright).

6. Ct.? bufo Pfr. 662.

T. clause perforata, oblonga, solida, liris spiralibus gros-

sis, inaequalibus, plicisque compressis confertis, subundulatis, illas transgredientibus sculpta, sordide griseo-fusca; spira brevis, late truncata, superne aperte perforata; sutura irregulariter fasciculato-crenata; anfr. superst. 3, superi 2 angulosi, ultimus rotundatus, antice non solutus; apertura vix obliqua, subcircularis; perist. simplex, rectum. — Operc.? — Long. 7, diam. $4^1/_2$ mill. (Coll. Nr. 263).

Ctenopoma ? bufo Pfr. in Malak. Bl. X. 1864. p. 104.

Habitat in caverna „Malagno" in regione orientali insulae Cubae (Jeanneret).

Obs. Operculum non vidi. Testarum juniorum spira gracilis, apice obtusa, anfractibus 3 primis rotundatis, sublaevibus.

§. 2.

663. 7. argutum Pfr. (Coll. 264. — Malak. Bl. 1858. p. 188. — *Chondropoma ? argutum Pfr.* Mon, *Reeve* t. 7. f. 48. — Habitat Santiago de Cuba.) Pneum. II. p. 138.

664. 8. Dominicense Pfr. (Coll. 265. — *Cyclostoma Reeve* t. 17. f. 112. — Haiti) . . . . . . - - - 107.

665. 9. rotundatum Poey. (Coll. 266. — *Cyclostoma Reeve* t. 17. f. 109. — Cuba.) . . . . . . - - - 105.

§. 3.

666. 10. **Ct. Garridoianum Gundlach.**

T. subperforata, oblongo-turrita, breviter truncata, solidula, conferte striata et costulis lamellosis sculpta, subdiaphana, albida; spira subscalaris; sutura profunda, crenulata; anfr. superst. 4—$4^1/_2$ convexi, saepe angulati, ultimus interdum cingulis 2—3 elevatis instructus, antice vix solutus; apertura verticalis, subcircularis; perist. continuum, concentrice striatum, margine dextro sublate expanso, superne vix producto, sinistro angustiore. — Operc. calcareum, nucleo centrali, anfractibus oblique striatis. — Long. (spec. max. trunc.) $9^1/_2$, diam. fere 5 mill. Ap. diam. 3 mill. (Coll. Nr. 267).

Cyclostoma Garridoianum Gundl. in litt.

Ctenopoma Garridoianum Pfr. in Malak. Bl. VII. 1860. p. 26.

Habitat in monte Yunque insulae Cubae.

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667. 11. ? Campbelli C. B. Adams. (Jamaica.) . . Pneum. II. p. 106.

§. 4.

668. 12. bilabiatum Orb. (Coll. 268. — *Cyclostoma*

salebrosum Mor., *Reeve* t. 13. f. 79. — Var. minor, pallide lilacea: *Pfr.* in Malak. Bl. XI. 1864. p. 105. — Cuba.) . . . . Pneum. II. p. 102.

13. **Ct. Bahamense Shuttleworth.** 669.

T. perforata, oblongo-turrita, truncata, solidula, chordato-costata, interdum liris spiralibus magis minusve distinctis decussata, albida, seriebus indistinctis punctorum ruforum subfasciata; spira sensim attenuata; sutura acute et conferte denticulata; anfr. superst. 4 convexiusculi, ultimus circa perforationem interdum liris nonnullis fortioribus munitus; apertura verticalis, ovali-rotundata; perist. duplex: internum breviter porrectum, externum undique expansum, ad anfractum contiguum in cucullam productum, latere sinistro lato, patente. — Operc. typicum. — Long. 12, diam. 5 mill. Apert. $3^1/_2$ mill. longa, 3 lata. (Coll. Nr. 269.)

Cyclostoma Bahamense Shuttl. in sched. Mus. Cuming. et Bland.

Habitat New Providence insularum Bahamensium.

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14. rugulosum Pfr. (Coll. 270. — *Cyclostoma Reeve* t. 17. f. 111. — Var. *C. nodulatum Poey*, *Reeve* t. 17. f. 113. — Cuba.) . . . Pneum. II. p. 103. 670.

15. **Ct. immersum Gundlach.** 671.

T. subperforata, oblongo-turrita, truncata, solidula, costis chordaeformibus fasciculatis et confertis munita, albida; sutura grosse crenulata; anfr. superst. 4 convexi, ultimus basi obsolete spiraliter liratus, antice solutus, pone aperturam nodulum striatum, anfractum contiguum tangentem, gerens; apertura verticalis, subovalis; perist. duplex: internum vix porrectum, externum undique subaequaliter patens. — Operc. terminale, subplanum, nucleo immerso, sulco suturali amplo. — Long. 9, diam. 4 mill. Apert. $2^1/_2$ mill. longa. (Coll. Nro. 271).

Cyclostoma immersum Gundl. in Malak. Bl. IV. 1857. p. 42.
Ctenopoma immersum Pfr. Mon. Pneum. Suppl. p. 104.

Habitat prope Matanzas insulae Cubae.

Obs. Species *Ct. ruguloso* peraffinis et ab ejus formis nonnullis praeter operculi indolem vix distinguenda.

672. 16. **Ct. nigriculum Gundlach.**

T. subperforata, oblongo-turrita, brevissime truncata, solidula, liris nonnullis magis minusve distinctis cincta et costulis confertis longitudinalibus filaribus fasciculatis sculpta, opaca, saturate fusca; spira regulariter attenuata; sutura mediocris, grosse crenulata; anfr. superst. 5—5$^{1}/_{2}$ modice convexi, ultimus non solutus; apertura verticalis, rotundato-ovalis; perist. duplicatum, limbo externo latiuscule expanso (latere sinistro angustiore, adnato), concentrice striato, superne subproducto. — Operc. calcareum, planum, anfractibus levissime striatis. — Long. 10, diam. 4 mill. Ap. 3 mill. longa. (Coll. Nr. 272.)

Cyclostoma nigriculum Gundl. in litt.

Ctenopoma nigriculum Pfr. in Malak. Bl. VII. 1860. p. 28.

Habitat Mata et Yunque in parte orientali insulae Cubae.

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673. 17. sculptum Gundl. (Coll. 273. — Cuba.) . . Pneum. II. p. 103.

674. 18. Wilkinsoni C. B. Adams. (Coll. 274. — *Cyclostoma Reeve* t. 17. f. 110. — Jamaica.) - - - 107.

§. 5.

675. 19. **Ct. Jeannereti Pfr.**

T. subperforata, oblongo-turrita, breviter truncata, solidula, liris obtusis spiralibus costulisque confertis liras transgredientibus sculpta, subdiaphana, lutescenti-albida vel sordide lilacea; sutura albo-denticulata; anfr. superst. 5 modice convexi, ultimus breviter solutus, dorso crenato-carinatus, basi liris fortioribus munitus; apertura subverticalis, fere circularis; perist. duplex: internum expansiusculum, adnatum, externum superne lingulatum, juxta perforationem excisum, caeterum patens, margine undulato. — Operc. testaceum, planum, nucleo parum excentrico, anfractibus oblique striatis. — Long. 9$^{2}/_{3}$, diam. 3$^{3}/_{4}$ mill. (Coll. Nr. 275.)

Ctenopoma Jeannereti Pfr. in Malak. Bl. VIII. 1861. p. 223.

Habitat „Monte Libano“ in districto Guantanamensi insulae Cubae (Jeanneret).

676. 20. **Ct. perspectivum Gundlach.**

T. pervie umbilicata, oblongo-turrita, truncata, solidula, obtuse lirata et plicis membranaceis, versus aperturam con-

fertioribus sculpta; spira oblonga, nucleo ($1^1/_2$ anfractuum) papillari, laevigato, albo, a sequentibus anfr. soluto, plerumque deciduo; sutura squamoso-plicata; anfr. superst. 4 convexi, ultimus antice solutus, dorso carinatus; apertura verticalis, ovali-rotundata; perist. subduplex: externum superne acute productum, caeterum liris excurrentibus insigniter dentatum. — Operc. calcareum, extus vix concavum, anfractibus 3 oblique striatis. — Long. 10, diam. $5^1/_3$ mill. (Coll. Nr. 276.)

Cyclostoma perspectivum Gundl. in litt.

Ctenopoma perspectivum Pfr. in Malak. Bl. VI. 1859. p. 72.

Habitat „Monte Toro" in districto Guantanamensi insulae Cubae.

21. Ct. semicoronatum Gundlach. 677.

T. vix subperforata, oblongo-turrita, truncata, solidula, fasciculatim conferte chordato-plicata, opaca, pallide violacescenti-fuscula; spira juniorum regularis, subpapillata; sutura anfr. superiorum eleganter, inferiorum irregulariter denticulata; anfr. superst. 4 convexi, plerumque medio angulati, ultimus antice vix solutus, circa perforationem carinatus; apertura verticalis, ovali-circularis; perist. tenue, breviter expansum, latere sinistro subcrenulatum. — Operc. medio concaviusculum. — Long. $9^1/_2$, diam. 5 mill. Ap. $3^1/_3$ mill. longa. (Coll. Nr. 277.)

Cyclostoma semicoronatum Gundl. in litt.

Ctenopoma semicoronatum Pfr. in Malak. Bl. VII. 1860. p. 28.

Habitat prope Baracoa et Mata in parte orientali insulae Cubae.

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22. coronatum Poey. (Coll. 278. — Cuba.) . . Pneum. II. p. 104. 678.
23. deficiens Gundl. (Coll. 279. — Cuba.) . . - - - 104. 679.

24. Ct. nobilitatum Gundlach. 680.

T. rimata, oblongo-turrita, adulta truncata, solidula, costulis flexuosis, confertissimis, subfasciculatis sculpta, alabastrina; sutura profunda, minute crenulata; anfr. superst. 3 convexi, ultimus antice breviter solutus, juxta aperturam liris spiralibus praeditus; apertura parum obliqua, subcircularis; perist. subduplex, rectum, externum superne non nodulatum, caeterum liris excurrentibus tuberculato-coronatum. — Operculum ter-

minale, calcareum, oblique striatum, ad nucleum subcentralem lamellosum. — Long. $6^1/_2$, diam. $3^1/_2$ mill. Ap. diam. 2 mill. (Coll. Nr. 280.)

Cyclostoma nobilitatum Gundl. mss., *Poey* Memor. II. p. 87. t. 8. f. 23—25.

Ctenopoma nobilitatum Pfr. in Malak. Bl. IX. 1862. p. 3.

Habitat Santiago de Cuba.

Obs. Testae juniores hujus speciei persingulares sunt. Primi anfractus minutissimi, tum liberi, tandem in anfractus regulares convexos abeunt. Quando anfractus antepenultimus formatus est, testa formam trochi ostendit, umbilico circulari aperto, liris spiralibus limitato.

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681. 25. **Ct. enode Gundlach.**

T. vix subperforata, oblongo-turrita, truncata, solidula, liris obtusis subconfertis cincta, costulis confertissimis illas transgredientibus sculpta, fuscescenti-albida; spira turrita, amissis anfr. 2—3 truncata; sutura mediocris, fasciculis costularum irregulariter crenata; anfr. superst. $3^1/_2$—4 modice convexi, ultimus antice brevissime solutus; apertura verticalis, subovali-circularis; perist. subduplicatum, limbo externo expanso, vix undulato, superne in linguam parvulam, liberam producto. — Operc. calcareum, anfractibus oblique striatis. — Long. (spec. plur. trunc.) $9^1/_3$, diam. $4^1/_2$ mill. Apert. diam. fere 3 mill. (Coll. Nr. 281.)

Cyclostoma enode Gundl. in litt.

Ctenopoma enode Pfr. in Malak. Bl. VII. 1860. p. 27.

Habitat prope Gibara insulae Cubae.

XXVII. Diplopoma Pfr.

Operculum subduplicatum, stratis sulco profundo, acuto separatis, interno parum excavato, laevigato, externo calcareo, inflato, paucispiro, nucleo profunde immerso, pellucido, anfractu extimo oblique et argute costato. — Testa (speciei cognitae) oblongo-turrita.

Diplopoma Pfr. in Malak. Bl. VI. 1859. p. 73; Novit. conch. I. p. 192.

Species hucusque unica:

1. **D. architectonicum Gundlach.** 682.

T. rimata, oblongo-turrita, truncata, solidula, liris spiralibus et plicis confertis (irregulariter fasciculatim interruptis) exasperata, pallide cornea vel lilaceo-grisea; spira sursum attenuata, apice breviter truncata; sutura irregulariter squamoso-dentata; anfr. superst. 5 convexiusculi, ultimus longe solutus, dorso squamoso-carinatus, basi spiraliter fortius liratus; apertura parum obliqua, subovalis; perist. duplex: internum breviter porrectum, externum superne cucullatim productum, caeterum breviter patens, crenulatum. — Operc. typicum. — Long. 13—17$^1/_2$, diam. 6$^1/_3$—7$^1/_2$ mill. (Coll. Nr. 282.)

Cyclostoma architectonicum Gundl. in litt.
Diplopoma architectonicum Pfr. in Malak. Bl. VI. 1859. p. 73.
— — *Pfr.* Novit. conch. I. p. 192. N. 293. t. 51. f. 12—16.

Habitat in districto Guantanamensi insulae Cubae.

XXVIII. Adamsiella Pfr.

Pfr. Mon. Pneum. p. 168. Suppl. p. 107.

Conspectus specierum.

A. Pupaeformes.
  1. Anfractu ultimo antice non soluto.
    a. Sutura simplice . . . . . §. 1. Nr. 1— 3.
    b. Sutura crenata . . . . . . §. 2. - 4— 5.
  2. Anfractu ultimo antice soluto . §. 3. - 6— 9.
B. Oblongo-turritae . . . . §. 4. - 10—16.

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§. 1.

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1. mirab lis Wood. (Coll. 283. — *Reeve* t. 2. f. 13. — Jamaica.) . . . . Pneum. II. p. 107. 683.
2. miranda C. B. Adams. (Coll. 284. — *Reeve* t. 2. f. 14. — Jamaica.) . . . . - - - 108. 684.
3. pulchrior C. B. Adams. (Coll. 285. — *A. Binneyana Reeve* t. 1. f. 8. — Jamaica.) . - - - 108. 685.

§. 2.

686. 4. variabilis C. B. Adams. (Coll. 286. — *Reeve* t. 1. f. 5. Var. t. 1. f. 2. — Jamaica.) . . Pneum. II. p. 108.
687. 5. Grayana Pfr. (Coll. 287. — *Reeve* t. 1. f. 3. Varr.: *Cycl. serriferum* et *concentricum* t. 2. f. 15. 16. — Jamaica.) . . . . - - - 108.

§. 3.

688. 6. moribunda C. B. Adams. (*Reeve* t. 2. f. 12. — Jamaica.) . . . . - - - 108.
689. 7. intermedia C. B. Adams. (*Reeve* t. 1. f. 7. — Jamaica.) . . . . - - - 108.
690. 8. monstrosa C. B. Adams. (Coll. 288. — *Reeve* t. 1. f. 4. — Jamaica.) . . . . - - - 108.
691. 9. Pearmanaeana Chitty. (Coll. 289. — *Reeve* t. 1. f. 6. et *Cyclostoma Pearm.* t. 21. f. 143.) - - - 108.

§. 4.

692. 10. xanthostoma Sow. (Coll. 290. — *Reeve* t. 2. f. 17. — Jamaica.) . . . . - - - 109.
693. 11. pinguis Pfr. (*Reeve* t. 2. f. 11. — Habitat?) - - - 109.
694. 12. ignilabris C. B. Adams. (Coll. 291. — *Reeve* t. 1. f. 1. — Jamaica.) . . . . - - - 109.
695. 13. chlorostoma Sow. (Coll. 292. — *Reeve* t. 2. f. 10. — Demerara.) . . . . - - - 109.

696. 14. **A. Osberti Tristram.** †

„T. rimato-perforata, turrita, integra, pallide fulva, longitudinaliter conferte striata, fasciis 5 vel 6 interruptis rubris ornata; spira regulariter turrita, apice plerumque abrupta; anfr. 6, ultimus solutus; apertura verticalis, rotunda; perist. duplex, internum castaneum, breviter porrectum, externum dilatatum, horizontaliter patens, rufescens, superne angulate productum, ad anfr. penultimum subexcisum. — Long. 12, diam. 5—6 mill.“ (T.)

Adamsiella Osberti Tristram in Proc. Zool. Soc. Lond. 1861. p. 232.

Habitat Guatemala (Salvin).

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697. 15. cinnamomea Pfr. (Coll. 293. — Habitat?) . Pneum. II. p. 109.

698. 16. **A. chordata Gundlach.**

T. subperforata, oblongo-turrita, truncata, liris spiralibus

obtusis et costulis chordaeformibus illas superantibus (saepe geminatim fortioribus) sculpta, pallide fuscula, violaceo variegata et fasciis nonnullis rufis notata; spira regulariter attenuata, late truncata; sutura subdenticulata; anfr. superst. $4^{1}/_{2}$ convexi, ultimus teres, non solutus; apertura verticalis, ovali-subcircularis; perist. duplex: internum breviter porrectum, externum undique subaequaliter et breviter patens. — Operc. typicum. — Long. $9^{1}/_{2}$, diam. 4 mill. Apert. intus $2^{1}/_{2}$ mill. longa. (Coll. Nr. 294.)

Cyclostoma chordatum Gundl. in litt.
Adamsiella chordata Pfr. in Malak. Bl. V. 1858. p. 189. VI. 1859. p. 73.
— — *Reeve* Conch. ic. sp. 9. t. 2.

β. Major; long. $13^{1}/_{2}$, diam. 6 mill.

Habitat prope Santiago, var. β Yateras insulae Cubae.

Subfam. Cyclostomea.

Pfr. Mon. Pneum. Suppl. p. 109.

XXIX. Lithidion Gray.

Pfr. Mon. Pneum. p. 176. Suppl. p. 109.

Species:

1. sulcatum Gray. (*Cyclostoma lithidion Sow.*, *Reeve* t. 23. f. 156. — Yemen.) . . . . . Pneum. II. p. 110. 699.
2. desciscens Pfr. (*Cyclostoma Reeve* t. 23. f. 158. — Socotora.) . . . . - - - 110. 700.
3. Souleyetianum Petit. (Coll. 295. — *Cyclostoma Reeve* t. 23. f. 155. — Socotora.) . . - - - 110. 701.
4. depressum Sow. (*Cyclostoma Reeve* t. 23. f. 157. — Habitat?) . . . . - - - 110. 702.
5. niveum Petit. (Coll. 296. — *Cyclostoma Reeve* t. 23. f. 154. — Madagascar.) . . . . . . - - - 110. 703.

XXX. Otopoma Gray.

Pfr. Mon. Pneum. p. 179. Suppl. p. 110.

Conspectus specierum.

A. Umbilico prorsus clauso	§. 1.	Nr.	1— 2.
B. Umbilico magis minusve aperto.			
1. Peristomatis margine dextro expanso	§. 2.	-	3— 7.
2. Margine dextro recto	§. 3.	-	8—17.
3. Margine dextro flexuoso . . .	§. 4.	-	18—19.

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§. 1.

704. 1. clausum Sow. (*Cyclostoma Reeve* t. 19. f. 122. — Yemen.) . . . . Pneum. II. p. 110.

705. 2. **O. Hinduorum W. T. Blanford.** †

Differt ab *O. clauso Sow.* testa multo laeviore, regione umbilicali minus excavata et spira altiore. (Bl.)

Otopoma Hinduorum W. T. Blanf. in Ann. and Mag. nat. hist. Jun. 1864.

Habitat Kattiawar in regione occidentali Indiae.

§. 2.

706. 3. auriculare Gray. (*Cyclostoma Reeve* t. 18. f. 118. — Habitat?) . . . . Pneum. II. p. 110.

707. 4. albicans Sow. (*Cyclostoma Reeve* t. 18. f. 120. — China.) . . . . - - - 110.

708. 5. naticoides Recl. (Coll. 297. — *Cyclostoma Reeve* t. 18. f. 117. — Socotora. — Excludatur synonymum Chemnitzianum, ad *Cyclophorum foliaceum* [p. 65. n. 341] referendum) . . - - - 110.

709. 6. Guillaini Petit. (*Cyclostoma Reeve* t. 19. f. 126. — Africa.) . . . . - - - 111.

710. 7. unifasciatum Sow. (*Cyclostoma Reeve* t. 9. f. 53. — Madagascar.) . . . . - - - 111.

§. 3.

711. 8. Philippianum Pfr. (Coll. 298. — *Cyclostoma Reeve* t. 18. f. 119. — Habitat?) . . . . - - - 111.

712. 9. ? Coquandianum Petit. † (Madagascar?) . - - - 111.

713. 10. clathratulum Recl. (Coll. 299. — *Cyclostoma Reeve* t. 18. f. 116. — Yemen, Socotora.) - - - 111.

714. 11. vitellinum Pfr. (*Cyclostoma Reeve* t. 19. f. 128. — Madagascar.) . . . . - - - 111.

12. **O.? obtusum Pfr.** 715.

T. anguste umbilicata, turbinato-globosa, solidula, levissime striatula, nitida, carnea, fascia unica castanea, in anfractibus 2 ultimis decurrente, notata; spira turbinata, vertice obtuso, nigro-marginato; anfr. $4^1/_2$ perconvexi, lente accrescentes, superiores spiraliter striati, ultimus spiram non superans; apertura obliqua, subcircularis; perist. simplex, rectum, marginibus disjunctis, sinistro arcuato, dilatato, fornicato-reflexo. — Operc.? — Diam. maj. $15^1/_2$, min. $13^1/_2$, alt. 13 mill. Ap. 9 mill. alta. (Coll. Nr. 300.)

Otopoma? obtusum Pfr. in Malak. Bl. IX. 1862. p. 202.

— — *Pfr.* Novit. conch. I. p. 226. N. 329. t. 59. f. 3. 4.

Habitat Zanzibar (Petit).

Obs. Species *O clathratulo* et *Listeri* affinis, ab omnibus cognitis spira anfractum ultimum superante, vertice obtuso, etc. differt.

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13. Listeri Gray. (Coll. 301. — *Cyclostoma Reeve* t. 19. f. 123. — Ins. Maurit.) . . . . Pneum. II. p. 112. 716.

14. haemastomum Anton. (Coll. 302. — *Cyclostoma Reeve* t. 18. f. 115. — Isle de France.) - - - 112. 717.

15. ? politum Sow. (*Cyclostoma Reeve* t. 19. f. 125. — *Cyclotus politus Martens* in Malak. Bl. XI. p. 141. — Habitat?) . . . . - - - 112. 718.

16. pygmaeum Sow. (*Cyclostoma Reeve* t. 19. f. 121. — *Cyclotus ? pygmaeus Martens* in Malak. Bl. XI. p. 139. — Nova Hibernia.) . - - - 112. 719.

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* *

17. ? gratum Petit. (Coll. 303. — *Cyclostoma Reeve* t. 16. f. 101. — Socotora.) . . . . - - - 124. 720.

Obs. *Otopoma Blennus Bens.*, antea in hac sectione enumeratum, teste claro auctore forma juvenilis est *Hybocystidis gravidae*, quae conferatur.

§. 4.

18. multilineatum Jay. (Coll. 304. — *Cyclostoma Reeve* t. 19. f. 124. — Madagascar.) . Pneum. II. p. 112. 721.

19. Comorense Pfr. (*Cyclostoma Reeve* t. 19. f. 127. — Ins. Comor.) . . . . - - - 112. 722.

XXXI. Cyclostomus Montfort.

Pfr. Mon. Pneum. p. 188. Suppl. p. 112.

Conspectus specierum.

A. Carinatae,			
1. depressae	§. 1.	Nr.	1— 11.
2. turbinato-conicae.			
a. Bi- vel multicarinatae . .	§. 2.	—	12— 30.
b. Unicarinatae	§. 3.	—	31— 33.
B. Ecarinatae,			
1. depressae	§. 4.	—	34— 37.
2. globoso-turbinatae.			
a. Peristomate reflexo,			
α. lato	§. 5.	—	38— 50.
β. angusto	§. 6.	—	51— 75.
b. Peristomate recto	§. 7.	—	76— 84.
3. ovato-turritae.			
a. Peristomate recto	§. 8.	—	85— 93.
b. Peristomate expanso.			
α. Laevigatae	§. 9.	—	94— 96.
β. Longitudinaliter plicatae	§. 10.	—	97—108.
γ. Decussatae	§. 11.	—	109—113.

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§. 1.

723. 1. Cuvierianus Petit. (Coll. 305. — *Cyclostoma Reeve* t. 5. f. 25. — Madagascar.) . . . . Pneum. II. p. 113.

724. 2. occlusus Mörch. (Coll. 306. — *Cyclostoma Reeve* t. 5. f. 26. — Madagascar.) . . . . - - - 113.

725. 3. formosus Sow. (*Cyclostoma Reeve* t. 6. f. 31. — Madagascar.) . . . . - - - 113.

726. 4. **C. De-Burghiae Reeve.** †

„Cycl. testa patentissime excavato-umbilicata, plano-orbiculari, fumeo-grisea, maculis parvis fulvis et albis ad carinas et suturas articulata, spira depressissima, anfractibus undique decussatim striatis, superne declivi-planis, deinde acute remote tricarinatis, carina media multo prominentiore; apertura subcirculari, fauce purpureo-fusca, labro calloso-reflexo, intense sanguineo.“ (Reeve.) — Diam. maj. 44, alt. 24 mill. (ex icone.)

Cyclostoma De-Burghiae Reeve Conch. ic. sp. t. 6.

Habitat Madagascar (Ida Pfeiffer).

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5. cariniferus Sow. (*Cyclostoma Reeve* t. 7. f. 36. — Madagascar.) . . . . Pneum. II. p. 114. 727.
6. articulatus Gray. (Coll. 307. — *Cyclostoma Reeve* t. 6. f. 29. — Animal descriptum a Woodward in Proc. Zool. Soc. 1859. p. 204. — Hab. in insula Rodriguez prope ins. Mauritii) - - - 114. 728.
7. Deshayesianus Petit. (*Cyclostoma Reeve* t. 5. f. 24. — Madagascar.) . . . . - - - 114. 729.
8. Abeillei Grat. † (Madagascar.) . . . . . . - - - 114. 730.
9. modestus Petit. (*Cyclostoma Reeve* t. 6. f. 33. — Ins. Abd-el-Goury.) . . . . - - - 114. 731.
10. Kieneri Pfr. (*Cyclostoma Reeve* t. 14. f. 89. — Madagascar.) . . . . - - - 114. 732.
11. liratus Pfr. (*Cyclostoma Reeve* t. 6. f. 28. — — Habitat?) . . . . - - - 114. 733.

§. 2.

12. campanulatus Pfr. (Coll. 308. — *Cyclostoma Reeve* t. 1. f. 5. — Madagascar.) . . - - - 114. 734.
13. bicarinatus Sow. (Coll. 309. — *Cyclostoma Reeve* t. 1. f. 1. — Madagascar.). . . . . - - - 114. 735.
14. pulchellus Sow. (Coll. 310. — *Cyclostoma Reeve* t. 2. f. 6. — Madagascar.) . . . . - - - 114. 736.
15. zonulatus Fér. (*Cyclostoma Reeve* t. 10. f. 58. — Habitat?) . . . . - - - 114. 737.

16. **C. principalis Pfr.** 738.

T. aperte et mediocriter umbilicata, globoso-turbinata, solidula, liris subacutis crebris cincta, albida, fasciis 2 violaceo-fuscis infra medium ornata; spira gradato-conica, vertice minuto, acutiusculo; anfr. 5 convexi, ultimus basi et in umbilico liris aequalibus subdistantibus munitus; apertura parum obliqua, ovali-rotundata, intus castaneo-bifasciata; perist. incrassatum et reflexiusculum, marginibus approximatis, callo lunari junctis, columellari angusto. — Operc.? — Diam. maj. $21^1/_2$, min. 17, alt. 16 mill. (Mus. Cuming.)

Cyclostoma principale (Cyclostomus) *Pfr.* in Proc. Zool. Soc. 1859. p. 27. t. 44. f. 7.
— — *Reeve* Conch. ic. sp. 16. t. 4.

Habitat in insula Madagascar.

Obs. Characteribus intermedius inter *C. zonulatum* et *deliciosum*.

*

17. tricarinatus Müll. (Madagascar.) . . . . . Pneum. II. p. 115. 739.
18. carinatus Born. (Coll. 311. — *Cyclostoma Reeve* t. 5. f. 23. — Habitat?) . . . . . . - - - 115. 740.
19. unicolor Pfr. (*Cyclostoma Reeve* t. 7. f. 39. — Habitat?) . . . . - - - 115. 741.

742. 20. deliciosus Fér. (*Cyclostoma Reeve* t. 7. f. 35. — Madagascar.) . . . . Pneum. II. p. 115.
743. 21. Michaudi Grat. (*Cyclostoma Reeve* t. 2. f. 10. — Madagascar.) . . . . - - - 115.
744. 22. Barclayanus Pfr. (Coll. 312. — *Cyclostoma Reeve* t. 2. f. 7. — Isle de France.) . . . - - - 115.
745. 23. sulcatus Lam. (*Cyclostoma calcareum Sow.*, *Reeve* t. 3. f. 13. — Habitat?) . . . . . . - - - 115.
746. 24. rugosus Lam. (*Cyclostoma Reeve* t. 3. f. 11. — India.) . . . . - - - 115.
747. 25. Creplini Dunk. (Coll. 313. — *Cyclostoma Reeve* t. 8. f. 45. — Zanzibar.) . . . . . . - - - 115.
748. 26. pulcher Gray. (Coll. 314. — *Cyclostoma Reeve* t. 10. f. 54. — Ins. Seychell.) . . . - - - 115.
749. 27. Kraussianus Pfr. (*Cyclostoma Reeve* t. 9. f. 52. Var. t. 11. f. 69. — Natal.) . . . . - - - 115.
750. 28. castaneus Pfr. (*Cyclostoma Reeve* t. 15. f. 93. — Madagascar.) . . , ... - - - 115.
751. 29. fusculus Pfr. (*Cyclostoma Reeve* t. 16. f. 104. — Yemen.) . . . . - - - 115.
752. 30. ? gradatus Pfr. (Bengal.) . . . . - - - 115.

§. 3.

753. 31. Madagascariensis Gray. (*Cyclostoma Reeve* t. 1. f. 4. — Madagascar.) . . . . - - - 116.
754. 32. Boivini Pfr. (Coll. 315. — *Cyclostoma Reeve* t. 2. f. 9. — Madagascar.) . . . . - - - 116.
755. 33. unicarinatus Lam. (Coll. 316. — Madagascar.) - - - 117.

§. 4.

756. 34. vittatus Sow. (Coll. 317. — *Cyclostoma Reeve* t. 4. f. 19. — Madagascar.) . . . . . . - - - 117.
757. 35 ? chloroticus Pfr. *Cyclostoma Reeve* t. 7. f. 37. — Madagascar.) . . . . - - - 117.
758. 36. Moulinsii Grat. (Coll. 318. — *Cyclostoma Reeve* t. 4. f. 20. — Madagascar.) . . . . - - - 117.

759. 37. **C. Macareæ Petit.**

T. sublate et profunde umbilicata, turbinato-depressa, solidula, striis incrementi confertis lirisque minutis spiralibus conferte decussata, albido-fulvescens vel subcarnea, fasciis fuscescentibus interruptis ornata; spira breviter turbinata, vertice minuto; anfr. 5—$5^1/_2$ convexi, rapide accrescentes, ultimus subtus laevigatus; apertura parum obliqua, subcircularis, superne obsolete subangulata, intus concolor, nitidissima; perist. simplex, marginibus approximatis, callo tenuiusculo junctis, dextro anguste expanso, juxta insertionem sinuato, columellari superne dilatato, patente. — Operc. testaceum, planum, extus

anfractibus indistinctis, levissime striatis, intus nitide fulvescens. — Diam. maj. 30—34, min. $24^1/_2$—$27^1/_2$, alt. 18—20 mill. (Coll. Nr. 319.)

Cyclostoma Macareae Petit, *Reeve* Conch. ic. sp. 49. t. 9.

Cyclostomus Macareae Pfr. Mon. Pneum. Suppl. p. 117.

Habitat Madagascar.

§. 5.

38. euchilus Pfr. (Coll. 320. — *Cyclostoma Reeve* t. 1. f. 3. — Madagascar.) . . . . Pneum. II. p. 118. 760.

39. multifasciatus Grat. (*Cyclostoma Reeve* t. 1. f. 2. — Madagascar.) . . . . - - - 118. 761.

40. C. tubulum Reeve. † 762.

„Cycl. testa imperforata, turbinata; spira elevatiuscula; anfractibus rotundatis, laevibus; apertura circulari; labro eleganter expanso; lutescente-alba, nigricanti-fusco multifasciata. — Lat. $1^1/_8$ poll.“ (R.)

Cyclostoma tubulum Reeve in Proc. Zool. Soc. 1857. p. 209.

Habitat . . . ?

Obs. Haec species elegantissima characteribus ad *C. Belairi* et *Boivini* accedit, sed ab utroque omnino diversa. Umbilicus non adest et callus umbilicalis exiguus. Fasciae supra labrum expansum usque ad marginem extremum decurrunt. (R.)

*

41. zonatus Petit. (*Cyclostoma Reeve* t. 10. f. 60. — Madagascar.) . . . . Pneum. II. p. 118. 763.

42. obsoletus Lam. (Coll. 321. — *Cyclostoma Reeve* t. 4. f. 18. — Madagascar.) . . . . - - - 118. 764.

43. Belairi Petit. (Coll. 322. — *Cyclostoma Reeve* t. 2. f. 8. — Madagascar.) . . . . - - - 118. 765.

44. C. Isabella Pfr. 766.

T. umbilicata, globoso-turbinata, solida, striis spiralibus inaequaliter distantibus cincta, nitidula, isabellina; spira brevis, acutiuscula; anfr. $5^1/_2$ convexi, ultimus dilatatus, subtus sublaevigatus, circa umbilicum angustum liris confertis sculptus; apertura parum obliqua, ovalis; perist. albidum, marginibus callo arcuatim exciso junctis, dextro late expanso et re-

voluto, sinistro angusto, vix reflexo. — Operc.? — Diam. maj. 26, min. 21, alt. 21 mill. (Mus. Cuming.)

Cyclostomus Isabella Pfr in Proc. Zool. Soc. 1861. p. 388. t. 37. f. 9.
Cyclostoma Isabella Reeve Conch. ic. sp. 43. t. 8.

Habitat Madagascar.

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767. 45. citrinus Sow. (Coll. 323. — *Cyclostoma semidecussatum Reeve* t. 11. f. 65. -- Habitat?) Pneum. II. p. 118.
768. 46. xanthochilus Sow. (Coll. 324. — *Cyclostoma Reeve* t. 9. f. 50. — Madagascar.) . . - - - 118.
769. 47. ? castus Pfr. (*Cyclostoma Reeve* t. 6. f. 32. — Madagascar.) . . . . - - - 118.
770. 48. ? virgo Pfr. (*Cyclostoma Reeve* t. 5. f. 27. — Madagascar.) . . . . - - - 119.

771. 49. **C.? encausticus Reeve.** †

„Cycl. testa subampliter perspective umbilicata, depresse globosa, candida, infra peripheriam obscure rufo-fusco fasciata, anfractibus subangustis, undique creberrime reticulatis; apertura oblique ovata, labro tenue reflexo, supra umbilicum peculiariter latissime tenue expanso.“ (R.) — Diam. maj. 27, alt. 17 mill. (ex icone.)

Cyclostoma encausticum Reeve Conch. ic. sp. 34. t 7.

Habitat . . . ?

*

772. 50. Sowerbyi Pfr. (Coll. 325. — *Cyclostoma Reeve* t. 8. f. 44. — Africa.) . . . . Pneum. II. p. 119.

§. 6.

773. 51. aplustre Sow. (*Cyclostoma Reeve* t. 3. f. 14. — Madagascar.) . . . . - - - 119.
774. 52. asper Pot. & Mich. (*Cyclostoma Reeve* t. 3. f. 15 et var. [*C. Harveyanum Sow.*] f. 12. — Madagascar.) . . . . - - - 119.
775. 53. pyrostomus Sow. (*Cyclostoma Reeve* t. 9. f. 51. — Madagascar.) . . . . - - - 119.
776. 54. ? sinuatus Pfr. (*Cyclostoma Reeve* t. 10. f. 57. — Madagascar?) . . . . - - - 120.
777. 55. ? striatulus Pfr. (*Cyclostoma Reeve* t. 7. f 38. — Habitat?) . . . . - - - 120.
778. 56. fulvescens Sow. (Coll. 326. — *Cyclostoma Reeve* t. 4. f. 17. — Madagascar.) . . . . . - - - 120.
779. 57. ? ictericus Sow. (*Cyclostoma Reeve* t. 10. f 59. — Habitat? . . . . - - - 120.

58. C.? tubularis Morelet. † 780.

„T. perforata, trochiformis, apice truncatula, tenuis, argute capillaceo-striata lineisque spiralibus numerosis in ultimo anfractu clathratula, scabriuscula, corneo-albida; anfr. superst. 4 perconvexi, ultimus subhorizontalis, elongatus, tubuliformis, antice breviter solutus, perforationem angustam, perviam formans; apertura verticalis, integra, circularis; perist. duplicatum; internum rectum, externum subcontinuum, breviter expansum, concentrice lamelloso-striatum, margine leviter fimbriato. — Longit. 17, diam. 18 mill.“ (M.)

Cyclostoma tubulare Morelet in Journ. Conch. XI. 1861. p. 46.

Habitat in insula Madagascar.

*

59. microchasma Pfr. (*Cyclostoma Reeve* t. 14. f. 88. — Madagascar.) . . . , ... Pneum. II. p. 120. 781.
60. insularis Pfr. (Coll. 327. — *Cyclostoma Reeve* t. 8. f. 41. — Natal.) . . . . - - - 120. 782.
61. sarcodes Pfr. (*Cyclostoma Reeve* t. 10. f. 61. — Madagascar.) . . . . - - - 120. 783.

62. C. caffer Beck. † 784.

„Cycl. testa modice umbilicata, globoso-turbinata, grisea; anfractibus rotundatis, superne et circa umbilicum tenuiliratis; apertura pyriformi-circulari, fauce fulvescente, rufo-fasciata.“ (R.) — Diam. maj. 19, alt. 17 mill. (ex icone.)

Cyclostoma caffrum Beck mss. in Mus. Cuming.
— — *Reeve* Conch. ic. sp. 67. t. 11.

Habitat . . . ?

*

63. reticulatus A. Adams & Reeve. (*Cyclostoma Reeve* t. 9. f. 48. — Madagascar.) . Pneum. II. p. 121. 785.
64. Goudotianus Sow. (Coll. 328. — Operc. *C. ligati*. — *Cyclostoma Reeve* t. 8. f. 92. — Natal. — Specimina Musei Cumingiani ex „Delagoa Bay“ allata ex parte iconi Sowerbyanae congrua, praeterea var. unicolor fulva.) . . - - - 121. 786.
65. virgatus Sow. (Coll. 329. — *Cyclostoma Reeve* t. 12. f. 76. — Madagascar.) . . . . - - - 121. 787.
66. Carolinensis Pfr. (*Cyclostoma Reeve* t. 15. f. 97. — Ins. Carolin.) . . . . - - - 121. 788.

67. C. Römeri Pfr. 789.

T. anguste umbilicata, globoso-turbinata, tenuiuscula, plicis chordaeformibus, magis minusve confertis sculpta, haud

nitens, carneo-albida; spira turbinata, subacuminata; sutura denticulata; anfr. $5^{1}/_{2}$ convexiusculi, ultimus magnus, circa umbilicum liris 2 filiformibus munitus; apertura obliqua, angulato-ovalis, intus nitida, carneo-fusca; perist. simplex, breviter adnatum, caeterum subaequaliter et mediocriter expansum. — Operc. album, planum, *C. elegantis* simile. — Diam. maj. (spec. max.) 14, min. 11, alt. fere 12 mill. (Coll. Nr. 330.)

Cyclostomus Römeri Pfr. in Malak. Bl. XI. 1864. p. 105.

Habitat in parte orientali insulae Cubae (Jeanneret).

Obs. Species similis *Cistulae interstitiali* et *C. Yaterasensi*, sed operculo typico Cyclostomi praedita.

790. 68. **C. Heynemanni Pfr.**

T. mediocriter umbilicata, depresse globoso-turbinata, solida, confertissime striata et plicis chordaeformibus, magis minusve confertis sculpta, haud nitens, fuscula vel albida; spira breviter turbinata; sutura minute et remote denticulata; anfr. fere 5, ultimus basi liris 4—5 usque in umbilicum munitus; apertura diagonalis, subangulato-ovalis; perist. subduplicatum: internum adnatum, externum superne productum, latere dextro anguste, sinistro latius patens. — Operc. praecedentis. — Diam. maj. $12^{1}/_{3}$, min. 10, alt. 8 mill. (Coll. Nro. 331.)

Cyclostomus Heynemanni Pfr. in Malak. Bl. XI. 1864. p. 105.

Habitat „Punta Maisi" extremitatis orientalis insulae Cubae (Jeanneret).

Obs. Testa similis *Cistulae cumulatae Pfr.*

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791. 69. ? griseus Pfr. (*Cyclostoma Reeve* t. 13. f. 84. — Madagascar.) . . . . Pneum. II. p. 121.
792. 70. tenuis Sow. (*Cyclostoma Reeve* t. 16. f. 107. — Africa.) . . . . - - - 121.
793. 71. cincinnus Sow. (*Cyclostoma Reeve* t. 14. f. 91. — Yemen.) . . . . - - - 121.
794. 72. ligatulus Grat. (*Cyclostoma Reeve* t. 16. f. 106. — Madagascar.) . . . . - - - 121.
795. 73. Zanguebaricus Petit. (*Cyclostoma Zanzibaricum Reeve* t. 14. f. 87. — Zanzibar.) . - - - 121.
796. 74. subliratus Pfr. (*Cyclostoma Reeve* t. 15. f. 94. — Habitat ?) . . . . - - - 122.
797. 75. Novae Hiberniae Quoy. (*Cyclostoma Reeve* t. 16. f. 100. — Nova Hibernia.) . . . . . - - - 122.

§. 7.

76. ligatus Müll. (Coll. 332. — *Cyclostoma Reeve* 798.
t. 9. f. 54. — Cap. Bonae Spei, Natal.) . . - - - 122.
77. lineatus Pfr. (*Cyclostoma Reeve* t. 8. f. 46. 799.
— Habitat?) . . . . - - - 122.

78. C. Hartvigianus Pfr. 800.

T. anguste umbilicata, globoso-turbinata, solidula, liris nonnullis distinctis infra suturam et minoribus nonnullis in umbilico sculpta, albida, infra medium interdum obsoletissime fasciata; spira turbinata, vertice minuto coerulescens; anfr. 5 convexi, regulariter accrescentes, ultimus spiram subaequans; apertura parum obliqua, subangulato-rotundata; perist. simplex, rectum, colore sanguineo, in apertura sensim evanescente, tinctum, marginibus approximatis, callo brevi sanguineo junctis. — Operc.? — Diam. maj. 20, min. 17, alt. 17 mill. Ap. 11$^1/_2$ mill. alta, 10 lata. (Coll. Nr. 333.)

Cyclostomus Hartvigianus Pfr. in Malak. Bl. IX. 1862. p. 203.
— — *Pfr.* Novit. conch. I. p. 225. Nr. 328. t. 59. f. 1. 2.

Habitat in Africa meridionali.

Obs. Species affinis *C. ligato Müll.*, sculptura constante et peristomate rubro discrepans.

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79. undulatus Sow. (Coll. 334. — *Cyclostoma* 801.
Reeve t. 11. f. 64. — Ins. Maurit.) . . . . Pneum. II. p. 122.
80 glaucus Sow. (Alexandrette.) . . . . - - - 122. 802.
81. Olivieri Sow. (Coll. 335. — Syria.) . . . . - - - 122. 803.
82. costulatus Ziegl. — Coll. 336. — *Cyclostoma costulatum Kryn.* Bull. Mosc. 1837. p. 55. — *Mouss.* Coq. Schläfli I. p. 66. II. p. 87. — *Bielz* Fauna Siebenb. p. 176. — *Reeve* t. 14. f. 86. — Hungaria, Transylvania, Turcia septentrionalis, Caucasus.) . . . . . - - - 123. 804.
83. parvispirus Pfr. (Coll. 337.) — *Cyclostoma* 805.
Reeve t. 9. f. 47. — Habitat?) . . . . . . - - - 123.
84. levis Pfr. (Coll. 338. — *Cyclostoma Reeve* 806.
t. 16. f. 102. — Ins. Salomon.) . . . . . . - - - 123.

§. 8.

85. C. Hydii Weinland. 807.

T. subobtecte perforata, ovato-turrita, truncata, solida, liris filaribus confertis sculpta, costulis confertissimis illas

transgredientibus (hinc inde variciformibus) decussata, opaca, carneo-albida; spira sensim attenuata, sublate truncata; sutura irregulariter denticulata; anfr. superst. $4^1/_2$—5 parum convexi, ultimus antice solutus, dorso crenulato-carinatus; apertura subverticalis, angulato-ovalis; perist. subduplicatum, margine dextro simplice, recto, obtuso, sinistro duplicato, externo patente. — Operc. testaceum, leviter striatum. — Long. 20, diam. 10 mill. Ap. 7 mill. longa. (Coll. Nr. 339.)

Cyclostoma Hydii Weinl. in Malak. Bl. IX. 1862. p. 90.
Cyclostomus Hydii Pfr. ibid. p. 95.
Chondropoma rude „Weinl.“ Reeve Conch. ic. sp. 28. t. 4.

Habitat „Crooked Island“ insularum Bahamensium.

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808. 86. buccinulum Bolt. (Coll. 340. — *Cyclostoma sulcatum Dr., Reeve* t. 11. f. 66. Var. [*C. melitense*] t. 13. f. 78. t. 15. f. 96. — Europa meridion., Algeria.) . . . . Pneum. II. p 124.
809. 87. elegans Müll. (Coll. 341. — *Cyclostoma Reeve* t. 12. f. 70. — Europa.) . . . . . - - - 124.
810. 88. fascicularis Pfr. (*Cyclostoma Reeve* t. 15. f. 99. — Habitat?) . . . . - - - 124.
811. 89. laevigatus Webb & Berth. (Coll 342. — *Cyclostoma Reeve* t. 11. f. 63. — Teneriffa.) - - - 124.
812. 90. ? saccatus Pfr. (Coll. 343. — *Cyclostoma Reeve* t. 13. f. 77. — Habitat?) . . . . . - - - 124.
813. 91. ? dissectus Sow. (*Cyclostoma Reeve* t. 12. f. 72. — Habitat?) . . . . - - - 124.
814. 92. ? solidus Menke. (*Cyclostoma Reeve* t. 17. f. 114. — Habitat?) . . . . - - - 124.

815. 93. **C. rectus Gundlach.**

T. subperforata, oblongo-turrita, tenuiuscula, plicis longitudinalibus subconfertis sculpta, albida, subpellucida, punctis castaneis sparse seriatis picta; spira ovato-turrita, apice integra, acutiuscula; sutura irregulariter crenulata; anfr. $6^1/_2$ modice convexi, ultimus breviter solutus, dorso carinatus; apertura verticalis, ovali-subcircularis; perist. simplex, rectum. — Operc. planum, calcareum, anfr. $3^1/_2$. — Long. 13, diam. 6 mill. Ap. 4 mill. longa. (Coll. Nr. 344.)

Cyclostoma rectum Gundlach in litt.
Cyclostomus rectus Pfr. in Malak. Bl. X. 1863. p. 194.

Habitat prope Puerto Principe insulae Cubae (Wright).

§. 9.

94. Humphreyanus Pfr. (Coll. 345. — *Cyclo-* 816.
stoma Reeve t. 12. f. 74. — Jamaica.) . . Pneum. II. p. 124.
95. albus Sow. (Coll. 346. — *Cyclostoma Reeve* 817.
t. 12. f. 73. — Jamaica.) . . . . - - - 125.
96. Chevalieri C. B. Adams. (Coll. 347. — *Cyclo-* 818.
stoma Reeve t. 13. f. 80. — Jamaica.) . . - - - 125.

§. 10.

97. thysanoraphe Sow. (Coll. 348. — *Cyclo-* 819.
stoma Reeve t. 13. f. 82. — Jamaica.) . . - - - 125.
98. Redfieldianus C B. Adams. (Coll. 349. — 820.
Cyclostoma Reeve t. 13. f. 83. — Jamaica.) - - - 125.
99. Jayanus C. B. Adams. (Coll. 350. — *Cyclo-* 821.
stoma Reeve t 11. f. 68. — Jamaica.) . . - - - 125.
100. Banksianus Sow. (Coll. 351. — *Cyclostoma* 822.
Reeve t. 15. f. 98. — Jamaica.) . . . . . - - - 125.
101. Yallahensis C. B. Adams. (*Cyclostoma* 823.
Reeve t. 15. f. 92. — Jamaica.) . . . . . - - - 125.
102. tectilabris C. B. Adams. (Coll. 352. — *Cyclo-* 824.
stoma Reeve t. 15. f. 95. — Jamaica.) . . - - - 125.
103. Bronni C. B. Adams. (Coll. 353. — *Cyclo-* 825.
stoma Reeve t. 11. f. 61. — Jamaica.) . . - - - 125.
104. lamellosus C. B. Adams. † (Jamaica.) . . - - - 125. 826.
105. crenulosus C. B. Adams. † (Jamaica.) . . - - - 125. 827.
106. sericinus C. B. Adams. (Jamaica.) . . . . - - - 125. 828.

107. **C. saxorum Weinland.** 829.

T. subperforata, ovata, truncata, tenuiuscula, longitudinaliter conferte plicata, sericea, fuscula; spira lente attenuata, late truncata; sutura irregulariter et fasciculatim crenulata; anfr. superst. 3—3½ modice convexi, ultimus antice vix solutus; apertura verticalis, fere circularis; perist. duplex: internum breviter porrectum, externum breviter expansum, superne subangulato-dilatatum. — Operc. calcareum, niveum, nucleo parum excentrico. — Long. 8, diam. 5 mill. Ap. diam. 3⅓ mill. (Coll. Nr. 354.)

Cyclostoma saxorum Weinl. in Malak. Bl. IX. 1862. p. 88.

Cyclostomus saxorum Pfr. ibid. p. 94.

Habitat prope Jérémie insulae Haiti.

108. **C. Rollei Weinland.** 830.

T. perforata, oblongo-turrita, truncata, solidula, longitudinaliter subconferte costulata, violaceo-fusca; spira lente attenuata, vertice (in junioribus) obtuso; sutura costulis excurrentibus crenata; anfr. superst. fere 5 convexi, ultimus antice

breviter solutus; apertura subverticalis, subcircularis; perist. duplex: internum expansiusculum, externum patens, concentrice striatum, superne et latere sinistro subangulatim productum. — Operc. testaceum, nucleo subcentrali. — Long. $8^2/_3$, diam. 4 mill. (Coll. Nr. 355.)

Cyclostoma Rollei Weinl in Malak. Bl. IX. 1862. p. 89.
Cyclostomus Rollei Pfr. ibid. p. 94.

β. Testa minore, albida, lineis rufis interruptis cincta, perist. rufo-radiato. Long. $6^2/_3$, diam. $3^1/_2$ mill.

Habitat in insula Haïti.

§. 11.

831. 109. Rangelinus Poey. (Coll. 356. — *Cyclostoma Reeve* t. 12. f. 75. — Cuba.) . . . . . . Pneum. II. p. 126.

832. 110. **C. Habichi Weinland.**

T. subperforata, ovato-turrita, truncata, solida, liris spiralibus confertis costulisque confertioribus illas transgredientibus subregulariter reticulata, carneo-albida unicolor vel lineolis rufulis interruptis cincta; spira ventrosa, sublate truncata; sutura profunda, minute denticulata; anfr. superst. 4 convexi, ultimus rotundatus, non solutus; apertura verticalis, angulato-ovalis; perist. duplex: internum vix porrectum, expansiusculum, externum undique horizontaliter late expansum, concentrice striatulum, margine subundulatum. Operc. testaceum, nucleo excentrico. — Long. 21—24, diam. $11^1/_2$—13 mill. Ap. $7^1/_2$—$8^1/_2$ mill. longa, limbi expansi lat. $2^1/_2$ mill. (Coll. Nr. 357.)

Cyclostoma Habichi Weinl. in Malak. Bl. IX. 1862. p. 86.
Cyclostomus Habichi Pfr. ibid. p. 92.
Chondropoma Habichii Reeve Conch. ic. sp. 6. t. 1.

Habitat in insula Haiti.

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833. 111. retrorsus C. B. Adams. (Coll. 358. — *Cyclostoma Reeve* t. 13. f. 81. — Jamaica.) . . Pneum. II. p. 126.
834. 112. fallax Pfr. (Coll. 359. — *Cyclostoma Reeve* t. 12. f. 71. — St. Croix.) . . . . - - - 126.

835. 113. **C. Aminensis Pfr.**

T. subperforata, ovato-turrita, solida, liris spiralibus striis-

que confertissimis illas superantibus decussata, opaca, rubello-vel lutescenti-grisea; spira subregulariter turrita, late truncata; sutura dense albo-denticulata; anfr. superst. 4—4½ modice convexi, ultimus longe solutus, dorso carina antice abrupte squamosa munitus, basi plerumque acutius liratus; apertura verticalis, ovalis; perist. duplex: internum breviter porrectum, externum breviter expansum, subcrenulatum, latere supero sinistro interruptum. — Operc. calcareum, convexum, anfr. 3 ad marginem striatis, nucleo haud valde excentrico. — Long. 13, diam. 6⅔ mill. Apert. 4⅓ mill. longa, 3⅔ lata. (Coll. Nr. 360.)

Cyclostomus Aminensis Pfr. in Malak. Bl. V. 1858. p. 140.

Habitat in collibus prope „Rio Amina" insulae Haiti (Hjalmarson).

XXXII. Tudora Gray.

Pfr. Mon. Pneum. p. 243. Suppl. p. 126.

Conspectus specierum.

A. Peristomate simplice.

a. Testa distincte decussata . . .	§. 1.	Nr.	1— 5.
b. Testa longitudinaliter sculpta . .	§. 2.	—	6—12.
c. Testa spiraliter sculpta	§. 3.	—	13.
d. Testa sublaevigata	§. 4.	—	14.

B. Peristomate subduplicato.

a. Testa longitudinaliter sculpta . .	§. 5.	—	15—18.
b. Testa decussata	§. 6.	—	19.
c. Testa laevigata	§. 7.	—	20.

C. Peristomate duplice.

a. Testa distincte decussata . . .	§. 8.	—	21—25.
b. Testa longitudinaliter sculpta . .	§. 9.	—	26—34.

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§. 1.

1. megachila Pot. & Mich. (Coll. 361. — Curaçao.) . . . . Pneum. II. p. 126. 836.
2. costata Menke. (Habitat?) . . . . - - - 126. 837.

838. 3. ? Tappaniana C. B. Adams. (Jamaica.) . . Pneum. II. p. 127.
839. 4. quaternata Lam. (Coll. 362. — Operc. typicum. — *Chondropoma Reeve* t. 8. f. 60. — Habitat?) . . . . - - - 127.
840. 5. pupaeformis Sow. (Coll. 363. — Haiti.) . . - - - 127.

§. 2.

841. 6. papyracea C. B. Adams. (Coll. 364. — *Chondropoma papyraceum Reeve* t. 8. f. 63. — Jamaica.) . . . . - - - 127.
842. 7. fecunda C. B. Adams. (Coll. 365. — Jamaica.) - - - 127.
843. 8. armata C. B. Adams. (Coll. 366. — Jamaica.) - - - 127.
844. 9. mutica C. C. Adams. (Jamaica.) . . . . . - - - 127.
845. 10. planospira Pfr. (Coll. 367. — Mexico.) . . - - - 127.
846. 11. maritima C. B. Adams. (Coll. 368. — Jamaica.) . . . . - - - 127.
847. 12. Griffithiana C. B. Adams. (Jamaica.) . . - - - 127.

§. 3.

848. 13. ferruginea Lam. (Coll. 369. — Hispania, Algeria.) . . . . - - - 126.

§. 4.

849. 14. versicolor Pfr. (Coll. 370. — Habitat?) . . - - - 126.

§. 5.

850. 15. columna Wood. (Coll. 371. — Jamaica.) . . - - - 128.
851. 16. Adamsi Pfr. (Coll. 372. — Jamaica.) . . . - - - 128.

852. 17. **T. Wrighti Pfr.**

T. subperforata, ovato-turrita, truncata, tenuiuscula, costulato-striata, pellucida, nitida, pallide cornea, seriebus punctorum ruforum ornata; spira regulariter attenuata; sutura confertissime albo-denticulata; anfr. superst. 4 modice convexi, ultimus antice laevigatus, breviter solutus, dorso carinatus; apertura verticalis, subangulato-ovalis; perist. subduplicatum, album, margine dextro simplice, expansiusculo, externum superne vix, latere sinistro latius patens. — Operc. testaceum, nucleo parvo, subbasali, anfractu magno oblique striato. — Long. 15—16, diam. 6½ mill. Ap. intus 4½ mill. longa, 3 lata. (Coll. Nr. 373.)

Tudora Wrighti Pfr. in Malak. Bl. IX. 1862. p. 4 t. 1. f. 4. 5.

Habitat in districto Guantanamensi insulae Cubae (Wright).

18. **T. umbricola Weinland.** 853.

T. subperforata, turrita, tenuiuscula, longitudinaliter subconferte chordato-plicata, diaphana, vix nitidula, albida vel pallide fulvida, punctis rufulis seriatis indistincte picta; spira integra, regulariter attenuata, vertice acutiusculo; sutura distanter squamoso-crenata; anfr. 8 convexi, ultimus antice breviter solutus; apertura verticalis, subangulato-ovalis; perist. anguste expansum, margine dextro simplice, supero auricula parva et sinistri parte inferiore duplicatis. — Operc. testaceum, oblique striatum. — Long. 12, diam. $4\frac{1}{2}$ mill. Ap. $3\frac{2}{3}$ mill. longa. (Coll. Nr. 374.)

Cyclostoma umbricola Weinl. in Malak. Bl. IX. 1862. p. 88.

Tudora umbricola Pfr. ibid. p. 94.

Habitat prope Jérémie insulae Haiti (Weinland).

§. 6.

19. **T. lurida Gundlach.** 854.

T. vix perforata, ovato-turrita, solidula, liris obtusis et costulis confertioribus clathrata, parum nitens, albido-cornea, lineis rufis strigatim interruptis cincta; spira sursum sensim attenuata, late truncata; sutura denticulis albis acutis munita; anfr. superst. $4—4\frac{1}{2}$, modice convexi, ultimus antice breviter solutus; apertura verticalis, angulato-ovalis; perist. album, subduplex: internum expansiusculum, externum superne subauriculatum, margine dextro obsoletum, sinistro patens, undulatum. — Operc. typicum. — Long. 16, diam. $7\frac{1}{3}$ mill. Ap. c. perist. $6\frac{1}{2}$ mill. longa, 5 lata. (Coll. Nr. 375.)

Cyclostoma luridum Gundl. mss., *Pocy* Ind. p. 4. n. 366.

Tudora lurida Pfr. in Malak. Bl. 1858. p. 45.

Habitat prope Guisa insulae Cubae.

§. 7.

20. ? Chemnitzii Wood. (Africa meridion.) . . Pneum. II. p. 128. 855.

§. 8.

21. fascia Wood. (Coll. 376. — Jamaica.) . . . — — — 128. 856.
22. Augustae C. B. Adams. (Coll. 377. — Var. *C. nitens Ad.*, *Reeve Cyclostoma* t. 16. f. 103. Jamaica.) . . . . — — — 128. 857.
23. ? Barklyana Chitty. (Jamaica.) . . . . . — — — 128. 858.
24. ? simulans C. B. Adams. † (Jamaica.) . . — — — 129. 859.

860. 25. Shepardiana C. B. Adams. (Coll. 378. — *Cistula Shepardiana Pfr.* — *Chondropoma Reeve* t. 10. f. 78. — Jamaica.) . . . . . Pneum. II. p. 135.

§. 9.

861. 26. nobilis Pfr. (Haiti.) . . . . - - - 128.

862. 27. **T. ambigua Lamarck.**

T. subperforata, ovato-turrita, integra vel subtruncata, solidula, plicis irregulariter distantibus compressis munita, fulvido-albescens, fasciis interruptis rufis interdum picta; spira subregulariter attenuata, vertice obtusulo; sutura crenata; anfr. $7^1/_2$ convexi, ultimus antice subsolutus; apertura verticalis, subangulato-ovalis; perist. duplex: internum breviter porrectum, expansiusculum, externum campanulatim patens, concentrice striatum, superne cucullatim productum, ad anfr. contiguum angustatum. — Operc. typicum. — Long. $12^1/_2$—$18^1/_2$, diam. $7^2/_3 - 8^1/_2$ mill. Ap. intus 5—6 mill. longa. (Coll. Nr. 379.)

Cyclostoma ambigua Lam. Hist. VI. p. 145.
— *interrupta Deless.* Recueil t. 29. f. 2.
— *albescens Weinl.* in Malak. Bl. IX. p. 87.
Cistula? ambigua Pfr. Mon. Pneum. p. 271. Suppl. p. 134.
Tudora albescens Pfr. in Malak. Bl. IX. p. 92. (*Tudora ambigua* ibid. p. 93.)

Habitat prope Jérémie insulae Haiti (Weinland).

863. 28. **T. Abtiana Pfr.**

T. imperforata, oblongo-turrita, tenuiuscula, conferte et subfasciculatim plicata, subdiaphana, corneo-albida, lineis crebris rufis interruptis circumdata; spira regulariter attenuata; sutura conferte albo-denticulata; anfr. 4 convexi, ultimus antice mediocriter solutus, dorso crenato-carinatus, circa perforationem liris nonnullis obsoletis cinctus; apertura subobliqua, oblique subangulato-ovalis; perist. duplex: internum expansiusculum, adnatum, externum undique breviter patens. — Operc. typicum. — Long. $15^1/_2$, diam. 7 mill. Ap. intus $4^1/_2$ mill. long., $3^3/_4$ lata. (Coll. Nr. 380.)

Tudora Abtiana Pfr. in Malak. Bl. IX. 1862. p. 4.

Habitat Saltadero insulae Cubae Wright).

29. **T. excurrens Gundlach.** 864.

T. obtecte perforata, oblonga, breviter truncata, solidula, confertim chordato-plicata, pallide fuscula, rufo seriatim punctata vel subunicolor fusco-violacea; spira juniorum regulariter et breviter conica; sutura plicis excurrentibus fasciculatim et irregulariter crenata; anfr. superst. 4 vix convexiusculi, ultimus non solutus, basi liris nonnullis munitus; apertura ovali-rotundata; perist. duplex: internum breviter productum, externum latere dextro anguste patens, supero et sinistro flexuoso dilatatum, subappressum. — Operc. typicum. — Long. $13^1/_2$, diam. 6 mill. Ap. intus $4^1/_3$ mill. longa. (Coll. Nr. 381.)

Cyclostoma excurrens Gundl. in litt.

Tudora excurrens Pfr. in Malak. Bl. VII. 1860. p. 29.

Habitat prope Nuevitas insulae Cubae.

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30. ? pauperata C. B. Adams. (Jamaica.) . . Pneum. II. p. 129. 865.
31. pupoides Morel. (Coll. 382. — Cuba.) . . - - - 129. 866.
32. Moreletiana Petit. (Coll. 383. — Cuba.) . - - - 129. 867.
33. avena C. B. Adams. (Coll. 384. — Jamaica.) - - - 129. 868.
34. dislocata Baird. (Coll. 385. — *Cistula ? dislocata Pfr.* olim. — Jamaica.) . . . . - - - 135. 869.

XXXIII. Leonia Gray.

Pfr. Mon. Pneum. p. 259. Suppl. p. 129.

Species unica:

1. mammillaris Lam. (Coll. 386. — Hispania, Algeria.) . . . . Pneum. II. p. 129. 870.

Subfam. Cistulea.

Pfr. Mon. Pneum. Suppl. p. 130.

XXXIV. Cistula Gray.

Pfr. Mon. Pneum. p. 260. Suppl. p. 130.

Conspectus specierum.

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§. 1.

871. 1. ? platychila Pfr. (Habitat?) . . . . . . Pneum. II. p. 130.
872. 2. catenata Gould. (Coll 387. — *Chondropoma ternatum Reeve* t. 9. f. 65. — Conf. *Gould* Otia conch. p. 183. — Cuba.) . . . . . - - - 130.
873. 3. Agassizi Charp. (Coll. 388. — *Chondropoma Agassizii Reeve* t. 9. f. 64. — Cuba.) . . - - - 130.

874. 4. **C. Mackinlayi Gundlach.**

T. umbilicata, depresse globoso-conica, tenuiuscula, leviter lirata et costulis chordaeformibus conferte nodulato-clathrata, diaphana, haud nitens, fulvo-rubella; spira breviter turbinata, vertice acutiusculo; sutura subcrenata; anfr. $4^1/_2$ modice convexi, ultimus latus, depresso-rotundatus, non descendens, circa umbilicum latiusculum fortius liratus; apertura obliqua, subcircularis, intus nitida; perist. duplex: internum vix porrectum, externum superne fornicato-dilatatum, margine sinistro breviter patente. — Operc. Cistulae planum. — Diam. maj. $11-13^1/_2$, min. $8^2/_3-10^2/_3$, alt. $7^2/_3-9$ mill. (Coll. Nr. 389.)

Cyclostoma Mackinlayi Gundl. in litt.

Cistula Mackinlayi Pfr. in Malak. Bl. VI. 1859. p. 73.

Habitat Yateras insulae Cubae.

875. 5. **C. arctistria Pfr.**

T. late umbilicata, depressa, tenuiuscula, arctissime costu-

lato-striata, superne isabellina, corneo indistincte variegata, subtus albida; spira parum elevata, vertice mucronulato; anfr. $4^1/_2$ convexiusculi, ultimus teres, circa umbilicum filo obsoleto vel nullo munitus; apertura obliqua, ovali-rotundata; perist. simplex, breviter adnatum, margine dextro ad insertionem subsinuato, duplicato-producto, tum expansiusculo, sinistro breviter reflexo. — Operc. planum, albidum. — Diam. maj. 13, min. 10, alt. $6^1/_2$ mill. Ap. fere 6 mill. longa. (Coll. Nr. 390.)

Cistula arctistria Pfr. in Malak. Bl. X. 1863. p. 195.

Habitat in parte orientali insulae Cubae.

6. **C. interstitialis Gundlach.** 876.

T. umbilicata, globoso-turbinata, tenuis, radiatim conferte plicatula et costulis filiformibus remotioribus sculpta, subdiaphana, vix nitidula, cerea vel flavido-rubella; spira conica, acutiuscula; sutura subtiliter denticulata; anfr. $4^1/_2$ modice convexi, ultimus antice sublonge solutus, descendens, circa umbilicum mediocrem obtuse unicarinatus; apertura obliqua, subcircularis; perist. duplex: internum vix porrectum, externum latere supero et dextro breviter expansum. — Operc. praecedentis. — Diam. maj. 10—11, min. 8—9, alt. 8—9 mill. (Coll. Nr. 391.)

Cyclostoma interstitiale Gundl. in litt.

Cistula interstitialis Pfr. in Malak. Bl. VI. 1859. p. 74.

β. Anfractu ultimo breviter soluto, vertice rubenti-corneo.

Habitat in insula Cuba: Yateras (Gundl.), Cayo del Rey (Wright).

7. **C. cumulata Pfr.** 877.

T. anguste umbilicata, conoidea, solidula, plicis subconfertis, plus minusve elevatis, sculpta, parum nitens, isabellina; spira conoidea, vertice obtusulo; anfr. $4^1/_2$ convexi, summi laevigati, reliqui ad suturam subcarinati, ultimus non solutus, circa umbilicum liris 2 filiformibus munitus; apertura obliqua, ovali-rotundata; perist. duplex: internum vix prominens, externum breviter patens. — Operc. planum. — Diam. maj. 9, min. $7^2/_3$, alt. 7 mill. (Coll. Nr. 392.)

Cistula cumulata Pfr. in Malak. Bl. X. 1863. p. 194.

Habitat prope Baracoa insulae Cubae (Wright).

878. 8. pleurophora Pfr. (Honduras.) . . . . , . Pneum. II. p. 131.

§. 2.

879. 9. radiosa Morel. (Coll. 393. — *Chondropoma radiosum Reeve* t. 9. f. 69. — Guatemala.) . - - - 131.
880. 10. Tamsiana Pfr. (Coll. 394. — *Chondropoma Reeve* t. 10. f. 75. — Venezuela.) . . . . - - - 131.
881. 11. Riisei Pfr. (Coll. 395. — *Chondropoma Reeve* t. 10. f. 80. — Portorico.) . . . . - - - 131.
882. 12. Antiguensis Shuttl. (Coll. 396. — *Chondropoma Reeve* t. 10. f. 72. — Antigua.) . . - - - 131.

§. 3.

883. 13. Gruneri Pfr. (*Chondropoma Reeve* t. 9. f. 68. — Honduras.) . . . . - - - 131.
884. 14. pallida Pfr. (Coll. 397. — *Chondropoma Reeve* t. 10. f. 77. — Cuba?) . . . . - - - 131.
885. 15. Küsteri Pfr. (Coll. 398. — *Chondropoma* - - - 131.
Reeve t. 11. f. 87. — Honduras.) . . . . - - - 131.
886. 16. radula Pfr. (*Chondropoma Reeve* t. 11. f. 89. — Cuba?) . . . . - - - 131.

§. 4.

887. 17. ? sagittifera C. B. Adams. (*Chondropoma Reeve* t. 9. f. 67. — Jamaica.) . . . . . . - - - 131.
888. 18. illustris Poey. (Coll. 399. — Cuba.) . . . - - - 132.

889. 19. **C. agrestis Gundlach.**

T. perforata, oblongo-turrita, sublate truncata, solidula, liris inaequalibus cincta, costulisque confertis acutis liras transgredientibus asperata, haud nitens, cinnamomeo-fuscula; sutura irregulariter fasciculato-crenata; anfr. superst 4—4$^1/_2$ convexi, ultimus non solutus, circa perforationem spiraliter solum sulcatus; apertura verticalis, ovalis; perist. duplex: internum album, expansiusculum, externum patens, subincrassatum, superne vix productum, ad anfr. contiguum subexcisum. — Operc. ovale, nucleo subcentrali. — Long. 14$^1/_2$—16, diam. 7—7$^1/_3$ mill. Ap. c. perist. 6 mill. longa. (Coll. Nr. 400.)

Cyclostoma agreste Gundl. in litt.

Cistula agrestis Pfr. in Malak. Bl. VII. 1860. p. 216. t. 3. f. 14—16; IX. 1862. p. 5.

Habitat in parte meridionali insulae Cubae: Pico Turquino et Rio Seco.

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20. rufilabris Beck. (Coll. 401. — *Chondropoma Reeve* t. 10. f. 73. — Ins. St. Croix.) . . . Pneum. II. p. 133. 890.
21. ? acerbula Morel. † (Guatemala.) . . . . - - - 133. 891.

§. 5.

22. ? lugubris Pfr. (*Chondropoma Reeve* t. 10. f. 76. — Var.? Carnea, sursum violascens, tum rubra: Anguilla.) . . . . - - - 133. 892.
23. mordax C. B. Adams. (Coll. 402. — *Chondropoma Reeve* t. 10. f. 79. — Jamaica.) . - - - 133. 893.
24. inculta Poey. (Coll. 403. — *Chondropoma Reeve* t. 10. f. 79. — Cuba.) . . . . - - - 133. 894.
25. lineolata Lam. (Coll. 404. — Portorico.) . - - - 134. 895.

26. **C. ? capillacea Pfr.** 896.

T. perforata, ovato-turrita, solidula, truncata, longitudinaliter confertissime capillaceo-striata, parum nitens, pallide cornea; spira regulariter attenuata; sutura minutissime denticulata; anfr. superst. 4 modice convexi, ultimus antice solutus; apertura fere verticalis, subangulato-ovalis; perist. liberum, simplex, undique breviter expansum. — Operc.? — Long. $9\frac{1}{2}$—12, diam. 4—$5\frac{1}{2}$ mill. Ap. $3\frac{1}{2}$—4 mill. longa. (Coll. Nr. 405.)

Cistula capillacea Pfr. in Malak. Bl. IX. 1862. p. 154.

Habitat „Cap Haitien“ (Bland).

Obs. Proxime affinis videtur *C. lineolatae Lam.* et *Riisei Pfr.*

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27. Thoreyana Phil. (Coll. 406. — Bolivia.) . Pneum. II. p. 134. 897.

§. 6.

28. rostrata Pfr. (Coll. 407. – *Chondropoma Reeve* t. 9. f. 70. — Habitat?) . . . . . . - - - 134. 898.
29. Grateloupi Pfr. (Coll. 408. — *Chondropoma Reeve* t. 11. f. 84. — Yucatan.) . . . . . . - - - 134. 899.
30. Largillierti Pfr. (Coll. 409. — *Chondropoma Reeve* t. 11. f. 86. — Yucatan.) . . . . . . - - - 134. 900.

31. **C. ? mitra Weinland.** 901.

T. perforata, oblongo-turrita, truncata, sublaevigata, nitida, isabellina; sutura conferte albo-denticulata; anfr. superst. 4 convexiusculi, ultimus antice solutus, dorso crenato-carinatus;

apertura verticalis, oblique ovalis, superne vix subangulata; perist. duplex: internum breviter porrectum, expansiusculum, externum anguste patens. — Operc.? — Long. $12\frac{1}{2}$, diam. 5 mill. Apert. diam. max. 4 mill. (Coll. Nr. 410.)

Cyclostoma mitra Weinl. in Malak. Bl. IX. 1862. p. 88.

Cistula? mitra Pfr. ibid. p. 94.

Habitat in insula Haiti (Weinland).

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902. 32. rigidula Morel. (Coll. 411. — Guatemala.) . Pneum. II. p. 134.
903. 33. ? procax Poey. (Cuba.) . . . . - - - 135.

904. 33. **C. ? livida Reeve.**

„Chond. testa compresse umbilicata, conico-turrita, livida, fusco obscure punctata, anfractibus convexis, striis dense filoso-reticulatis; apertura circulari, labro subfimbriato.“ (R.)

Cyclostoma bilabiatum Pfr. in Chemn. ed. sec. p. 316. t. 43. f. 31. 32. Nec *Orb.*

Cistula? bilabiata Pfr. Mon. Pneum. p. 271.

Chondropoma lividum Reeve Conch. ic. sp. 83. t. 11.

Habitat in insula Cuba?

§. 7.

905. 35. ? confusa Pfr. (Habitat?) . . . . Pneum. II. p. 135.
906. 36. Sauliae Sow. (Coll. 412. — *Chondropoma Reeve* t. 11. f. 85. — Jamaica.) . . . . . - - - 135.
907. 37. trochlearis Pfr. (Coll. 413. — *Chondropoma Reeve* t. 11. f. 82. — Mexico.) . . . . . - - - 135.
908. 38. scabrosa Humphr. (Ins. Provident.) . . . - - - 135.
909. 39. cinclidodes Pfr. (Coll. 414. — *Chondropoma Reeve* t. 11. f. 81. — Haiti.) . . . . - - - 135.

XXXV. Chondropoma Pfr.

Pfr. Mon. Pneum. p. 278. Suppl. p. 136.

Conspectus specierum.

A. Peristomate simplice.
1. tenui,

a. late expanso . . . . §. 1. Nr. 1.
b. breviter vel vix expanso.
α. Longitudinaliter plicatae . . §. 2. — 2— 8.
β. Decussatae . . . . §. 3. — 9—21.
2. subincrassato brevi . . . . §. 4. — 22—34.
B. Peristomate subduplicato.
1. Oblongo-turritae . . . . §. 5. — 35—45.
2. Conoideae . . . . §. 6. — 46.
C. Peristomate duplice.
1. Umbilico aperto.
a. Limbo externo brevi.
* Oblongo-turritae.
α. Longitudinaliter sculptae . . §. 7. — 47—50.
β. Decussatae.
† Anfractu ultimo adnato . §. 8. — 51—63.
†† Anfractu ultimo soluto . §. 9. — 64—69.
γ. Spiraliter sculptae . . . . . §. 10. — 70—71.
** Conoideae . . . . §. 11. — 72.
b. Limbo externo late expanso . . §. 12. — 73—80.
2. Umbilico lamina reflexa subclauso.
a. Elongatae . . . . §. 13. — 81—83.
b. Globoso-turbinatae . . . . . . §. 14. — 84—87.
3. Umbilico prorsus clauso . . . . . §. 15. — 88—94.

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§. 1.

1. magnificum Sallé. (*Reeve* t. 1. f. 1. b. c. [exclusa var. Fig. 1. a.] — Haiti.) . . . . Pneum. II. p. 136. 910.

§. 2.

2. **Ch. Vignalense Wright.** 911.

T. latiuscule umbilicata, depresse globoso-turbinata, tenuiuscula, confertissime filoso-costata, diaphana, albida; spira breviter conoidea, subtruncata; anfr. superst. $3\frac{1}{2}$ convexi, rapide accrescentes, ultimus antice solutus; apertura parum obliqua, subcircularis; perist. simplex, undique breviter expansum. — Operc.? — Diam. maj. 19, min. 15, alt. 14 mill. Ap. diam 9 mill. (Coll. Nr. 415.)

Cyclostoma Vignalense Wright, Gundl. in litt.

Chondropoma Vignalense Pfr. in Malak. Bl. X. 1863. p. 189.

Habitat in parte occidentale insulae Cubae (Wright).

Obs. Species similis *Ch. latilabri Orb.* (Nr. 73), peristomate simplice angusto statim dignoscenda.

* * *

912. 3. plicatulum Pfr. (Coll. 416. — *Reeve* t. 3. f. 20. — Venezuela.) . . . . Pneum. II. p. 136.
913. 4. Venezuelense Pfr. (Coll. 417. — *Reeve* t. 6. f. 45. — Venezuela.) . . . . - - - 136.
914. 5. eusarcum Pfr. (Coll. 418. — *Reeve* t. 7. f. 54. — Haiti.) . . . . - - - 136.
915. 6. Cumanense Pfr. (Coll. 419. — *Reeve* t. 5. f. 36. — Cumana.) . . . . - - - 138.

916. 7. **Ch. Emilianum Weinland.**

T. vix subperforata, oblongo-turrita, truncata, tenuiuscula, longitudinaliter conferte plicata (plicis obtusis, inaequalibus), fulvida, lineis interruptis rufis et una latiore subcontinua infra medium anfr. ultimi ornata; spira regulariter attenuata, sublate truncata; sutura subregulariter denticulata; anfr. superst. 4—4$^1/_2$ convexiusculi, ultimus antice brevissime solutus; apertura verticalis, angulato-ovalis; perist. simplex, tenue, margine dextro vix expansiusculo. — Operc. tenue, cartilagineum. — Long. 15, diam. 7 mill. Ap. 5$^1/_2$ mill. longa. (Coll. Nr. 420.)

Cyclostoma Emilianum Weinl. in Malak. Bl. IX. 1862. p. 87.
Chondropoma Emilianum Pfr. ibid. p. 94.
— *marinum* »*Weinl.*« *Reeve* Conch. ic. sp. 57. t. 8?

Habitat in insula Haiti (Weinland).

917. 8. **Ch. terebra Pfr.**

T. vix subperforata, turrita, solidula, longitudinaliter conferte plicata, corneo-albida, fascia unica lata fusca et supra eam punctis irregulariter seriatis fuscis ornata; spira integra, obtusula, vertice minuto; anfr. 7$^1/_2$ convexi, ultimus antice vix solutus; apertura verticalis, ovalis; perist. simplex, sursum subproductum, margine dextro et basali breviter expansis, fusco radiatis, subcrenulatis, sinistro simplice, angustissimo. — Operc. normale. — Long. 13, diam. 4$^2/_3$ mill. Ap. 3$^3/_4$ mill. longa, 3$^1/_4$ lata. (Coll. Hjalmarson).

Chondropoma terebra Pfr. in Malak. Bl. VIII. 1861. p. 74. t. 2. f. 4—6

Habitat Sierra Morales insulae Portorico.

Obs. Sculptura et coloribus *Tudoram columnam Wood* in mentem vocat, sed costae confertiores sunt.

§. 3.

9. Salleanum Pfr. (Coll. 421. — *Reeve* t. 2. f. 10. — Haiti.)	Pneum. II. p. 137.	918.
10. dissolutum Pfr. (Coll. 422. — *Reeve* t. 4. f. 27. — Cuba.)	- - - 137.	919.
11. revinctum Poey. (Coll. 423. — *Reeve* t. 6. f. 46. — Malak. Bl. 1862. p. 6: var. fere unicolor flavida vel rubella, prope Mayarí lecta. — Cuba.)	- - - 137.	920.
12. Loweanum Pfr. (Coll. 424. — *Reeve* t. 6. f. 44. — Haiti.)	- - - 138.	921.
13. litturatum Pfr. (Coll. 425. — *Reeve* t. 4. f. 26. — Var. major: long. statu truncato 20—21 mill.; Monte Cristi. Cf. Malak. Bl. 1858. p. 142. — Haiti.)	- - - 138.	922.
14. ? vespertinum Morel. † (Chiapa.) . . .	- - - 138.	923.
15. simplex Pfr. (Coll. 426. — *Reeve* t. 6. f. 42. — Haiti.)	- - - 138.	924.
16. ? puncticulatum Pfr. (*Reeve* t. 6. f. 41. — Ind. occident.)	- - - 138.	925.

17. **Ch. oxytremum Gundlach.** 926.

T. subperforata, ovato-oblonga, breviter truncata, solidula, liris spiralibus et costulis obtusis subaequaliter et levissime clathratula, subnitens, unicolor isabellina vel punctis rufis seriatis ornata; spira ovato-turrita; sutura impressa, minute et conferte denticulata; anfr. superst. 4 convexiusculi, ultimus breviter solutus, superne acute carinatus; apertura verticalis, ovalis, superne in angulum acutum producta; perist. simplex, continuum, expansiusculum, margine sinistro minus arcuato. — Operc. tenuissimum, fere membranaceum, pallidum. — Long. 13, diam. fere 7 mill. Ap. 6 mill. longa, $4^1/_2$ lata. (Coll. Nr. 427.)

Cyclostoma oxytremum Gundl. in litt.

Chondropoma oxytremum Pfr. in Malak. Bl. VII. 1860. p. 29.

Habitat prope Gíbara insulae Cubae.

18. **Ch. solidulum Gundlach.** 927.

T. subperforata, ovato-turrita, breviter truncata, solidula, liris spiralibus et costulis aequalibus noduloso-clathrata, opaca, isabellina unicolor vel rufo interrupte fasciata; sutura subcanaliculata, irregulariter denticulata; anfr. superst. $3^1/_2$ convexiusculi, ultimus non solutus; apertura verticalis, angulato-ovalis, intus rubella, nitida; perist. simplex, continuum, breviter ad-

natum, vix expansiusculum. — Operc. pallidum. — Long. $10^1/_2$, diam. 6 mill. Ap. 5 mill. longa, $3^1/_2$ lata. (Coll. Nr. 428.)

Cyclostoma solidulum Gundl. in litt.
Chondropoma solidulum Pfr. in Malak. Bl. VII. 1860. p. 30.

Habitat prope Baracoa insulae Cubae.

928. 19. **Ch. unilabiatum Gundlach.**

T. subperforata, oblongo-turrita, breviter truncata, solidula, liris prominulis, irregulariter distantibus cincta et costulis confertissimis illas transgredientibus munita, daucina vel albida; sutura minutissime denticulata; anfr. superst. 4 modice convexi, regulariter accrescentes, ultimus non solutus, antice subascendens, juxta perforationem carinulatus; apertura subobliqua, subangulato-ovalis; perist. simplex, margine dextro breviter patente, sinistro breviter adnato, tum angusto, fere stricte descendente. — Operc. tenue, pallidum. — Long. $12^1/_2$, diam. 7 mill. Ap. $5^1/_2$ mill. longa, 4 lata. (Coll. Nr. 429.)

Cyclostoma unilabiatum Gundl. in litt.
Chondropoma unilabiatum Pfr. in Malak. Bl. VII. 1860. p. 31.
β. Liris et costulis obsoletioribus.

Habitat prope Baracoa, var. *β* prope Mata insulae Cubae.

929. 20. **Ch. rufopictum Gundlach.**

T. subperforata, oblongo-turrita, truncata, tenuiuscula, obsolete et obtuse lirata, costulis compressis, chordaeformibus remotiusculis sculpta, haud nitens, fuscescenti-albida, fasciis crebris rufis interruptis picta; sutura costis excurrentibus incrassatis dentata; anfr. superst. 4 modice convexi, ultimus non solutus, circa perforationem serrato-carinatus; apertura verticalis, subangulato-ovalis; perist. simplex, superne auriculatum, margine dextro breviter expanso, sinistro angustato, superne breviter adnato. — Operc. submembranaceum, pallidum. — Long. 11, diam. $5^1/_2$ mill. Apert. $4^1/_2$ mill. longa, $3^2/_3$ lata. (Coll. Nr. 430.)

Cyclostoma rufopictum Gundl. in litt.
Chondropoma rufopictum Pfr. in Malak. Bl. VII. 1860. p. 30.
— — *Reeve* Conch. ic. sp. 39. t. 5.

Habitat prope Baracoa insulae Cubae.

21. **Ch. igneum Reeve.** † 930.

„Chond. testa compresse umbilicata, cylindraceo-conica, solidiuscula, alba, igneo-roseo tincta, anfractibus convexis, minutissime lamellato-decussatis, in suturis subtiliter denticulatis; apertura pyriformi-circulari, labro vix reflexo.“ (R.) — Long. (iconis leviter auctae) 19 mill.

Chondropoma ignea Reeve Conch. ic. sp. 88. t. 11.

Habitat . . . ?

§. 4.

22. **Ch. Weinlandi Pfr.** 931.

T. subperforata, ovato-elongata, truncata, solidula, longitudinaliter conferte plicatula, nitida, diaphana, albida, lineis interruptis castaneis ornata; spira ovata, sublate truncata; sutura minute crenulata; anfr. superst. 4—$4^1/_2$ parum convexi, ultimus antice breviter solutus, dorso carinatus, ima basi liris nonnullis obsoletis spiralibus munitus; apertura verticalis, oblique acuminato-ovalis; perist. obtusum, undique anguste expansiusculum, in angulo supero subcanaliculatum. — Operc. planum, albidum. — Long. 19—21, diam. $9^1/_2$—11 mill. Apert. 8—$8^3/_4$ mill. longa, medio $5^1/_2$—6 lata. (Coll. Nr. 431.)

Cyclostoma semilabre Pfr. in Zeitschr. f. Malak. 1850. p. 80. Non Lam.
— — *Pfr.* in Chemn. ed. nov. p. 271. t. 37. f. 1. 2.
Chondropoma semilabre Pfr. in Zeitschr. f. Malak. 1851. p. 173. n. 421.
— — *Pfr.* Mon. Pneum. p. 286. Suppl. p. 139.
— — *Gray* Cat. Phaneropn. p. 203.
— — *H. & A. Adams* Gen. II. p. 295. t. 86. f. 11.
— *Weinlandi Pfr.* in Malak. Bl. IX. 1862. p. 96.
— — *Reeve* Conch. ic. sp. 2. t. 1.

β. T. rosea, castaneo subinterrupte lineolata. (*Chemn.* t. 49. f. 17.)

γ. T. carnea, prope basin castaneo-unifasciata, caeterum litturis minutis elegantissime picta. (*Chemn.* ibid. f. 19.)

δ. T. minor, unicolor albida. (*Chemn.* ibid. f. 20.)

ε. T. minor (long. 15 mill.), fasciis angustis continuis et seriebus punctorum fuscorum ornata. (*Chemn.* ibid. f. 18.)

Habitat in insula Haiti (Sallé).

Obs. Haec testa nunquam „minutissime cancellata“ est, quo charactere a Lamarckio in diagnosi *Cyclostomatis semilabris* proposito, species sequens insigni modo gaudet.

932. 23. **Ch. semilabre Lamarck.**

T. vix subperforata, oblonga, pupaeformis, breviter truncata, solidiuscula, liris filiformibus subdistantibus et striis longitudinalibus confertissimis minutissime cancellata, vix nitidula, corneo-albida, fasciis angustis interruptis fuscis vel punctorum seriebus ornata; spira ovato-turrita, breviter truncata; sutura subfilaris; anfr. superst. 4 convexiusculi, ultimus non solutus, nec ascendens; apertura verticalis, angulato-ovalis, intus nitida, concolor; perist. obtusum, ad angulum subproductum, margine dextro recto, sinistro reflexiusculo. — Operc. typicum. — Long. $17\frac{1}{2}$, diam. $9\frac{1}{3}$ mill. Ap. $8\frac{1}{2}$ mill. longa, $5\frac{1}{3}$ lata. (Coll. Nr. 432.)

Cyclostoma semilabris Lam. Hist VI. p. 146. N. 12. Ed. Desh. VIII. p. 357.
— — *Deless.* Recueil t. 29. f. 1.
— — *Chenu* Ill. conch. Livr. 73. t. 1. f. 1.
— *semilabrum Sow.* Thes. p. 106. N. 44. t. 24. f. 60.
— *semilabre Pfr.* in *Chemn.* ed. nov. p. 126. t. 15. f. 17. 18. (ex Sow. et Deless.)
Chondropoma semilabre Pfr. in Zeitschr. f. Malak. 1847. p. 109. (excluso synon.)
— — *Gray* Cat. Cycloph. p. 55. N. 2 (exclusa var.)
— — *Pfr.* in Malak. Bl. IX. 1862. p. 95.
— *glabratum „Weinl.“ Reeve* Conch. ic. sp. 12. t. 2.

Habitat „Crooked Island“ insularum Bahamensium (Weinland).

933. 24. **Ch. Hjalmarsoni Pfr**

T. subperforata, oblonga, pupaeformis, tenuiuscula, liris vix elevatis subdistantibus, striisque confertissimis longitudinalibus decussatula, vix nitidula, corneo-albida, plerumque punctis rufis, longitudinaliter vel transverse seriatis picta; spira ovato-turrita, breviter truncata; sutura subsimplex; anfr. superst. $3\frac{1}{2}$—4 convexiusculi, ultimus vix solutus, antice subascendens, saepe antice sordide violacescens; apertura verticalis, angulato-ovalis, intus carnea, nitida; perist. undique breviter expansum, superne angulatim productum. — Operc. planum, cartilagineum, nucleo valde excentrico. — Long. $15\frac{1}{2}$, diam. 8 mill. Ap. $6\frac{2}{3}$ mill. longa, $4\frac{3}{4}$ lata. (Coll. Nr. 433. — Specimina occurrunt adulta multo minora.)

Chondropoma Hjalmarsoni Pfr. in Malak. Bl. V. 1858. p. 143 t. 2. f. 9—12.
— — *Reeve* Conch. ic. sp. 61. t. 8. f. 62.

Habitat Turk's Island (Hjalmarson).

Obs. Peraffine praecedenti, a quo praecipue differt anfractu ultimo antice subascendente et breviter soluto, et peristomatis margine dextro expanso.

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25. pictum Pfr. Coll. 434. — *Reeve* t. 1. f. 5. — Cuba.) . . . . Pneum. II. p. 139. 934.

26. Ch. Yucayum Presas. 935.

T. umbilicata, ovata, solidula, liris spiralibus filiformibus (in anfr. ultimo alternis minoribus) sculpta, nitidula, pallide isabellina, lineis interruptis castaneis ornata; spira ventrosa, sublate truncata; anfr. superst. $3^1/_2$—4 modice convexi, ultimus non solutus, antice subascendens; apertura verticalis, angulato-ovalis; perist. subcallosum, breviter expansum, margine columellari dilatato, subduplicato. — Operc. pallidum. — Long. 20—21, diam. $11^1/_2$ mill. Ap. fere 9 mill. longa, $6^1/_2$ lata. (Coll. Nr. 435.)

Cyclostoma Yucayum Presas mss., *Gundl.* in litt.

Chondropoma Yucayum Pfr. in Malak. Bl. X. 1863. p. 190.

Habitat prope Matanzas insulae Cubae (Presas).

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27. laetum Gut. † (Cuba.) . . . . Pneum. II. p. 139 936.
28. Poeyanum Orb. (Coll. 436. — *Reeve* t. 3. f. 15. Var. t. 5. f. 37. — Cuba.) . . . . - - - 139. 937.
29. moestum Shuttl. (Coll. 437. — *Reeve* t. 2. f. 14. — Cuba.) . . . . - - - 139. 938.
30. decurrens Poey. (Coll. 438. — Cuba.) . . - - - 139. 939.
31. obesum Menke. (Coll. 439. — *Reeve* t. 3. f. 23. — Cuba.) . . . . - - - 139. 940.
32. dentatum Say. (Coll. 440. — *Binn.* Terr. Moll. IV. p. 191. t. 75. f. 24. — *Reeve* t. 5. f. 38. — Florida, Cuba.) . . . . - - - 140. 941.

33. Ch. biforme Pfr. 942.

T. vix subperforata, ovato- vel oblongo-turrita, solidula, liris filiformibus subdistantibus et striis capillaceis confertissimis decussata, opaca, sordide violacea vel albida, interdum fusco-violaceo late fasciata; spira convexiuscula, sublate truncata; sutura irregulariter dentata; anfr. superst. 4 convexiusculi, ultimus non solutus; apertura subverticalis, angulato-ovalis, intus fusca, nitida; perist. subincrassatum, vix expansiusculum,

latere sinistro late adnatum, perforationem fere occultans. — Operc. cartilagineum, planum. — Long. 12, diam. $5^1/_2$ mill. Ap. 4 mill. longa, 3 lata. (Coll. Nr. 441.)

Chondropoma biforme Pfr. in Malak. Bl V. 1858. p. 143.

Habitat Turk's Island (Hjalmarson).

Obs. Peraffine *C. dentato Say*, sed ab omnibus ejus varietatibus constanter discrepans sculptura et peristomatis margine sinistro late adnato, umbilicum tegente.

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943. 34. Swifti Shuttl. (Coll. 442. — *Reeve* t. 3. f. 21. — Portorico.) . . . . Pneum. II. p. 140.

§. 5.

944. 35. Blauneri Shuttl. (Coll. 443 — *Reeve* t. 3. f. 9. — Portorico.) . . . . - - - 140.

945. 36. hemiotum Pfr. (Coll. 444. — *Reeve* t. 3. f. 18. — Haiti.) . . . . - - - 140.

946. 37. **Ch. dilatatum Gundlach.**

T. subperforata, turrita, tenuiuscula, liris confertis et striis confertioribus decussata, nitidula, fulva, seriebus punctorum ruforum cincta; spira elongata, regulariter attenuata, apice truncata; sutura subregulariter albo-denticulata; anfr. superst. 6, ultimus non solutus, juxta perforationem acutius biliratus; apertura subverticalis, ovalis; perist. subduplex, castaneo radiatum, superne auriculatum, margine dextro breviter patente. — Operc. genuinum. — Long. 16—18, diam. 6—7 mill. (Coll. Nr. 445.)

Cyclostoma dilatatum Gundl. in litt.

Chondropoma dilatatum Pfr. in Malak. Bl. VI. 1859. p. 75; IX. 1862. p. 6.

β. Peristomate subcrenulato.

γ. Peristomate undulato-crenato

Habitat Yateras insulae Cubae, var. *β* prope Mata, var. *γ* Piloto arriba (Jeanneret).

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947. 38. Newtoni Shuttl. † (Portorico.) . . . . . . Pneum. II. p. 141.

948. 39. Newcombianum C. B. Adams. (Coll. 446. — *Reeve* t. 3. f. 16. — St. Thomas.) . . . - - - 141.

949. 40. Tortolense Pfr. (Coll. 447. — *Reeve* t. 4. f. 31. — Tortola.) . . . . - - - 141.

41. ? angustatum Pfr. (*Reeve* t. 4. f. 29. — Habitat?) . . . . Pneum. II. p. 142. 950.
42. ? turritum Pfr. (*Reeve* t. 7. f. 52. — Honduras.) - - - 142. 951.
43. crenulatum Fér. (Coll. 448. — *Reeve* t. 7. f. 49. — Guadeloupe.) . . . . - - - 142. 952.
44. diaphanum Pfr. (*Reeve* t. 5. f 32. — Habitat?) - - - 142. 953.

45. **Ch. subauriculatum Pfr.** 954.

T. subperforata, cylindraceo-turrita, truncata, solida, liris funiformibus subconfertis cincta, striisque filaribus confertissimis illas transgredientibus decussata, albido-cornea, saepe castaneo-unifasciata; spira lente attenuata; sutura dentibus subcrenulatis irregulariter munita; anfr. superst. 4 convexiusculi, ultimus antice vix solutus; apertura parvula, verticalis, angulato-ovalis; perist. continuum, expansiusculum, breviter adnatum, superne auriculatim duplicatum. — Operc.? — Long. $8\frac{1}{2}$—10, diam. $3\frac{3}{4}$—$4\frac{1}{2}$ mill. Ap. 3 mill. longa. (Coll. Nr. 449.)

Chondropoma? subauriculatum Pfr. in Malak. Bl. IX. 1862. p. 153

Habitat Cumana (Bland).

Obs. Testa varietatibus nonnullis *Ch. dentati Say*, nec non *Ch. biformis Pfr.* similis, peristomate sursum duplicato facile distinguitur.

§. 6.

46. **Ch. latum Gundlach.** 955.

T. umbilicata, conoidea, solidula, subtiliter plicato-striata, subdiaphana, albida vel isabellina; spira conoidea, apice acutiuscula; anfr. 4 convexiusculi, ultimus teres, circa umbilicum ($\frac{1}{4}$ diametri superantem) liris 2 carinaeformibus munitus; apertura obliqua, ovali-subcircularis; perist. breviter expansum, margine sinistro indistincte duplicatum, reflexiusculum, superne subangulatim superstructum. — Operc. typicum. — Diam. maj. 10, min. 8, alt. 7 mill. Apert. $4\frac{1}{2}$ mill. alta. (Coll. Nr. 450.)

Cyclostoma latum Gundl. in litt.
Chondropoma latum Pfr. in Malak. Bl. V. 1858. p. 190.
— — *Reeve* Conch. ic. sp. 56. t. 8.

β. Testa altius turbinata, carinis 2 basalibus acutioribus, nonnullisque in umbilico conspicuis. Diam. maj. 9, min. 8, alt. 8 mill.

γ. Minor; diam. maj. 7, min. 6, alt. $5\frac{1}{3}$ mill.

Habitat circa Santiago de Cuba.

§. 7.

956. 47. rubicundum Morel. (Coll. 451. — *Reeve* t. 6. f. 47. — Guatemala.) . . . . Pneum. II. p. 144.
957. 48. Santacruzense Pfr. (Coll. 452. — *Reeve* t. 7. f. 50. — St. Croix.) . . . . - - - 145.
958. 49. Cordovanum Pfr. (Coll. 453. — *Reeve* t. 4. f. 24. — Mexico.) . . . . - - - 145.
959. 50. ? harpa Pfr. (*Reeve* t. 7. f. 55. — Cuba ?) . - - - 145.

§. 8.

960. 51. violaceum Pfr. (Coll. 454. — *Reeve* t. 2. f. 13. Var.: *Chondropoma bilabiatum Rv.* t. 9. f. 71. — Cuba.) . . . . - - - 142.

961. 52. **Ch. textum Gundlach.**

T. subperforata, oblongo-turrita, solida, liris confertis et costulis confertioribus anguste noduloso-clathrata, opaca, pallide fulvida, punctis rufis substrigatim conspersa; spira regulariter attenuata, late truncata; sutura dense denticulata; anfr. superst. 4 convexiusculi, ultimus non solutus; apertura verticalis, subangulato-ovalis; perist. duplex: internum expansiusculum, fere adnatum, externum undique subaequaliter patens, superne angulatim productum, ad anfr. contiguum angustatum. — Operc. planum. — Long. 17, diam. $7^1/_2$ mill. Ap. intus 5 mill. longa, 4 lata, c. perist. $7^1/_3$ mill. longa, $5^2/_3$ lata. (Coll. Nr. 455.)

Cyclostoma textum Gundl. in litt.
Chondropoma textum Pfr. in Malak. Bl. V. 1858. p. 192.
— — *Reeve* Conch. ic. sp. 51. t. 7.

Habitat prope Santiago de Cuba.

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962. 53. blandum Pfr. (*Reeve* t. 8. f. 61. sp. 62. — Haiti.) . . . . Pneum. II. p. 143.

963. 54. **Ch. ? crenimargo Pfr.**

T. perforata, oblongo-turrita, truncata, solida, liris spiralibus distinctis, costisque confertis illas superantibus reticulata, opaca, fulvo-lutescens; spira convexa, late truncata; sutura costis excurrentibus minute denticulata; anfr. superst. 4 convexi, ultimus non solutus; apertura verticalis, subangulato-ovalis;

perist. duplex: internum expansiusculum, externum patens, ad anfr. contiguum vix interruptum, latere dextro subprofunde crenulatum, columellari dilatato, perforationem subtegente. — Operc.? — Long. 14—16, diam. 7½—9 mill. Ap. intus 5 mill. longa. (Coll. Nr. 456.)

Cyclostoma crenimargo Pfr. in Malak. Bl. V. 1858. p. 192.

Habitat ad ostia fluminis Guaurabo prope Trinidad de Cuba.

Obs. Simile *Ch. violaceo*, praecipue discrepans peristomate crenulato

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55. canescens Pfr. (Coll. 457. — Malak. Bl. VII. 1860. p. 216; IX. 1862. p. 6. [Gíbara, Nuevitas, Holguin.] — *Tudora ? canescens Pfr.* olim. — Cuba.) . . . . Pneum. II. p. 128. 964.

56. ? jucundum Pfr. (*Reeve* t. 3. f. 17. — Habitat?) - - - 128. 965.

57. **Ch. neglectum Gundlach.** 966.

T. subperforata, turrita, subintegra, solidula, liris obtusis et costis longitudinalibus paulo confertioribus subregulariter reticulata, pallide fulvescens, lineis interruptis castaneis notata; spira elongata, breviter truncata vel apice albo obtusiusculo munita; sutura grosse crenata; anfr. 8 convexiusculi, ultimus non solutus; apertura verticalis, angulato-ovalis; perist. duplex: internum continuum, vix porrectum, externum undique breviter patens, ad anfr. contiguum excisum. — Operc. normale. — Long. 15, diam. 6 mill. Ap. 4⅓ mill. longa, 3 lata. (Coll. Nr. 458.)

Cyclostoma neglectum „Gundl.“ Poey Memor. II. p. 4. nr. 319.
— — *Pfr.* in Malak. Bl. V. 1858. p. 46.

Habitat Cabo Cruz et Guisa insulae Cubae.

Obs. Forma simile *Ch. revincto Poey*, peristomate duplice facile distinguendum.

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58. Petitianum Pfr. (Coll. 459. — Malak. Bl. 1858. p. 142. — *Reeve* t. 5. f. 34. — Haiti.) Pneum. II. p. 144. 967.

59. **Ch. Ernesti Pfr.** 968.

T. perforata, ovato-turrita, truncata, tenuiuscula, liris filaribus et costulis confertioribus subasperata, haud nitens, corneo-

albida, lineolis interruptis rufis subfasciata; spira sensim attenuata, breviter truncata; sutura subsimplex; anfr. superst. 4 parum convexi, ultimus basi rotundatus; apertura subverticalis, angulato-ovalis; perist. duplex: internum breviter porrectum, externum superne cucullatim elevatum, latere dextro rectangule patens, sinistro subdilatatum, juxta anfractum contiguum excisum. — Operc. typicum. — Long. 14, diam. 7 mill. Ap. intus 5 mill. longa, 4 lata. (Coll. Nr. 460.)

Chondropoma Ernesti Pfr. in Malak. Bl. IX. 1862. p. 5.

Habitat Seboruco prope Mayarí insulae Cubae (Jeanneret).

969. 60. **Ch. erectum Gundlach.**

T. subperforata, oblongo-turrita, truncata, solidula, liris confertis inaequalibus et costulis compressis confertissimis illas superantibus, saepe geminatis, sculpta, diaphana, pallide cornea, lineis interruptis rufis cincta; spira regulariter attenuata, sublate truncata; sutura eleganter denticulata; anfr. superst. 4—$4^1/_2$ modice convexi, ultimus antice breviter solutus; apertura verticalis, ovalis; perist. duplex: internum breviter porrectum, externum patens, superne angulatim productum, latere sinistro dilatatum. — Operc. planum, albidum. — Long. $12^1/_2$—15, diam. 6—$7^1/_2$ mill. Apert. 4—$4^1/_3$ mill. longa. (Coll. Nr. 461.)

Cyclostoma erectum Gundl. in litt.

— — *Pfr.* in Malak. Bl. V. 1858. p. 189.

Habitat circa Santiago de Cuba.

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970. 61. Candeanum Orb. (Coll. 462. — *Reeve* t. 6. f. 40. — Malak. Bl. VI. 1859. p. 75. — Trinidad, Guantánamo ins. Cubae.) . . . . . Pneum. II. p. 146

971. 62. tenuiliratum Pfr. (Coll. 463. — Cuba.) . . - - - 146

972. 63. **Ch. Caricae Pfr.**

T. subperforata, oblongo-turrita, solidula, lineis elevatis spiralibus et longitudinalibus subaequaliter granulato-decussata, pallide fusca, punctis rufis et strigis albidis variegata; spira regulariter attenuata, truncata; sutura irregulariter et distanter crenulata; anfr. superst. 5 convexi, ultimus non solutus; apertura verticalis, subangulato-ovalis; perist. duplex: internum vix prominens, externum superne productum, latere dextro breviter patens, sinistro obsoletum. — Operc. planum, carti-

lagineum. — Long. 13$^1/_2$, diam. 6 mill. Ap. 4 mill. longa, 3$^1/_4$ lata. (Coll. Nr. 464.)

Chondropoma Caricae Pfr. in Malak. Bl. V. 1858. p. 142.

Habitat in insula Haiti. (Ad radices Caricae Papayae prope Santiago legit Hjalmarson.)

§. 9.

64. Delatreanum Orb. (Coll. 465. — *Reeve* t. 5. f. 33. — Cuba.) . . . . Pneum. II. p. 143. 973.

65. integrum Pfr. (*Chemn* t. 38. f. 25. 26. — *Reeve* t. 4. f. 25. — Ind. occident.) . . . - - - 143. 974.

66. **Ch. scobina Gundlach.** 975

T. perforata, oblongo-turrita, solidula, liris spiralibus et costulis longitudinalibus confertioribus echinato-clathrata, daucina, strigis irregularibus albidis notata; spira turrita, apice breviter truncato nigricans; anfr. superst. 5 modice convexi, ultimus antice breviter solutus; apertura subobliqua, angulato-ovalis; perist. duplex: internum subprominulum, externum anguste patens, undulatum. — Operc. corneum. — Long. 11$^1/_2$, diam. 5$^2/_3$ mill. Ap. 4$^3/_4$ mill. longa, 4 lata. (Coll. Nr. 466.)

Cyclostoma scobina Gundl. in litt.

Chondropoma scobina Pfr. in Malak. Bl. X. 1863. p. 189.

Habitat in rupibus „Sierra de Guira" insulae Cubae.

Obs. Tentacula animalis nigra apice ochraceo-rubentia. (Coloratio in nulla alia specie observata: Gundl.)

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67. truncatum Mus. Berol. † (Mexico?) . . . Pneum. II. p. 145. 976.

68. **Ch. abnatum Gundlach.** 977.

T. subperforata, ovato-turrita, truncata, tenuiuscula, liris confertis et costulis chordaeformibus confertioribus subregulariter clathrata, pallide fulvida, punctorum ruforum seriebus ornata; spira subcurvilinearis, late truncata; sutura dense crenulata; anfr. superst. 4 convexi, ultimus angustior, antice solutus; apertura verticalis, ovalis; perist. duplex: internum subprominens, expansiusculum, externum anguste patens, superne angulatim productum, prope umbilicum subexcisum, tum dila-

tatum. — Operc. planum. — Long. 13—14, diam. $6^1/_2$ mill. Apert. 4 mill. longa, $3^1/_3$ lata. (Coll. Nr. 467. — Specimina adulta exstant multo minora.)

Cyclostoma abnatum Gundl. in litt.
Chondropoma abnatum Pfr. in Malak. Bl. V. 1858. p. 191.
— — *Reeve* Conch. ic. sp. 43. t. 6.

Habitat circa Santiago de Cuba.

Obs. Testa *Tudorae luridae Gundl.* similis.

978. 69. **Ch. adulterinum Pfr.**

T. subperforata, ovato-turrita, solidula, liris spiralibus et plicis longitudinalibus subregulariter granulato-decussata, fulvido-albida, maculis seriatis rufis picta; spira convexiusculo-turrita, sublate truncata; sutura dense denticulata; anfr. superst. 4 convexiusculi, ultimus longe solutus, dorso carina antice quasi in rostrum desinente munitus; apertura verticalis, subangulato-ovalis; perist. duplex: internum rectum, prominens, externum breviter patens, subcrenulatum. — Operc. planum, cartilagineum, nucleo fere laterali. — Long. $14^1/_2$, diam. $6^1/_2$ mill. Ap. $4^1/_2$ mill. longa, $3^2/_3$ lata. (Coll. Nr. 468.)

Chondropoma adulterinum Pfr. in Malak. Bl. V. 1858. p. 141.

Habitat ad Rio Amina insulae Haiti (Hjalmarson).

Obs. Quoad nomen conferantur, quae in adnotatione ad *Cyclostomum Aminensem* (Malak. Bl. 1858. p. 141) exposui.

§. 10.

979. 70. Pfeifferianum Pocy. (Coll. 469. — *Reeve* t. 5. f. 35. — Cuba.) . . . . Pneum. II p. 144.
980. 71. perlatum Gundl. (Coll. 470. — *Reeve* t. 4. f. 30. — *Pfr.* Novit. conch. I. p. 191. Nr. 292. t. 51. f. 10. 11. — Cuba.) . . . . - - - 144.

§. 11.

981. 72. revocatum Gundl. (Coll. 471. — *Reeve* t. 7. f. 53. — Var. fasciis saturate rufis magis minusve interruptis. Cf. Malak. Bl. 1858. p. 190. — Cuba.) . . . . - - - 146.

§. 12.

982. 73. latilabre Orb. (Coll. 472. — *Reeve* t. 2. f. 11. — Cuba.) . . . . - - - 146.

74. Ch. Sagebieni Poey. 983.

T. rimato-umbilicata, globoso-turbinata, conferte chordato-striata, diaphana, rubicundo-fusca, seriebus punctorum saturatiorum obsolete notata; spira turbinata, truncata; anfr. superst. 3 convexi, ultimus antice breviter solutus, circa umbilicum angustissimum liris nonnullis spiralibus obsoletis munitus; apertura vix obliqua, fere circularis; perist. duplex: internum igneum, subporrectum, externum aurantiacum, undique anguste patens, superne subproductum. — Operc. normale. — Diam. maj. 15, min. 12, alt. 12—13 mill. (Coll. Nr. 473.)

Cyclostoma Sagebieni Poey Memor. II. p. 33.
— — *Pfr.* in Malak. Bl. V. 1858. p. 3.
Chondropoma Sagebieni Pfr. Mon. Pneum. Suppl. p. 147.
— — *Pfr.* Novit. conch. I. p. 190. Nr. 291. t. 51. f. 8. 9.

Habitat Guane, in montibus insulae Cubae occidentalibus.

Obs. Differt a specie praecedente statura, striis validioribus, minus confertis, peristomate angustiore et liris umbilicalibus.

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75. Ch. discolorans Wright. 984.

T. umbilicata, ovato-turbinata, solidula, liris subconfertis graniferis cincta, carnea; spira elevata, breviter truncata; sutura crenulata; anfr. superst. $4^1/_2$ convexi, superi medio subangulati, ultimus antice breviter solutus; apertura subobliqua, ovalis; perist. duplex: internum adnatum, externum undique latiuscule expansum, leviter radiato-plicatum, superne subproductum, ad anfr. contiguum vix angustatum. — Operc. albidum. — Long. 19, diam. 10 mill. Ap. $7^1/_3$, c. perist. $10^1/_2$ mill. longa. (Coll. Nr. 474.)

Cyclostoma discolorans Wright mss., *Gundl.* in litt.
Chondropoma discolorans Pfr. in Malak. Bl. X. 1863. p. 169 (cum descriptione animalis.)
— — *Pfr.* Novit. conch. I. p. 244. Nr. 348. t. 62. f. 16. 17.

β. Testa minore, flavescenti-albida, pone aperturam striga violaceo-carnea ornata. — Long. 15, diam. $8^1/_3$ mill. (*Pfr.* Novit. conch. t. 62. f. 18. 19.)

Habitat in parte occidentali insulae Cubae (Wright).

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985. 76. egregium Gundl. (Coll. 475 c. varr. — *Reeve* t. 1. f. 3. — Var.: Malak. Bl. XI. 1864. p. 106. — Cuba.) . . . . Pneum. II. p. 147.

986. 77. **Ch. Gutierrezi Gundlach.**

T. umbilicata, conico-ovata, tenuis, longitudinaliter subconferte chordato-plicata, vix nitidula, pellucida, isabellino-albida, lineis interruptis castaneis ornata; spira conica, breviter truncata; sutura plicis excurrentibus crenata; anfr. superst. 4—4½ convexi, summi nigricanti-fasciati, ultimus antice vix solutus, basi liris nonnullis obsoletis munitus; apertura verticalis, angulato-ovalis, intus nitidissima; perist. duplex: internum expansiusculum, adnatum, externum sublate expansum, superne concave auriculatum, margine dextro plano, castaneo-radiato, sinistro undulato, ad anfr. contiguum exciso. — Operc. pallidum. — Long. 19, diam. 10 mill. Ap. c. perist. 10½ mill. longa, 8½ lata, intus 7½ longa, 6 lata. (Coll Nr. 476.)

Cyclostoma Gutierrezi Gundl., *Poey* Memor. II. p. 4. nr. 462.
Chondropoma Gutierrezi Pfr. in Malak. Bl. V. 1858. p 46.
— — *Pfr.* Novit. conch. I. p. 188. Nr. 289. t. 51. f. 4.5.
— *magnificum var. Reeve* Conch. ic. t. 1. f. 1 a.

Habitat prope Guisa insulae Cubae (Gundlach).

987. 78. **Ch. Presasianum Gundlach.**

T. umbilicata, ovato-turrita, tenuiuscula, liris acutis et costulis longitudinalibus echinato-clathrata, albida, lineis interruptis rufis picta; spira subregulariter attenuata, breviter truncata; anfr. 4½ modice convexi; apertura verticalis, angulato-ovalis; perist. duplex: internum vix prominens, externum undique latissime patens, profunde radiato-plicatum, ad anfr. contiguum angustatum. — Operc. albidum. — Long. (speciminis maximi) 19, diam. 9 mill Ap. 5⅔, c. perist. 11½ mill. longa. (Coll. Nr. 477.)

Cyclostoma Presasianum Gundl. in litt.
Chondropoma Presasianum Pfr. in Malak. Bl. X. 1863. p. 188 (cum descriptione animalis).
— — *Pfr.* Novit. conch. I. p. 243. Nr. 347. t. 62. f. 14. 15.

Habitat ad montem Palenque prope Matanzas insulae Cubae (Presas et Gundlach).

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79. irradians Shuttl. (Coll. 478. — *Reeve* t. 2. f. 8. — Ad montes „Pan de Matanzas" et Palenque insulae Cubae.) . . . . Pneum. II. p. 147. 988.

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80. **Ch. canaliculatum Gundlach.** 989.

T. umbilicata, oblongo-turrita, tenuiuscula, longitudinaliter striata et striis spiralibus obsolete decussata, subunicolor fulva; spira regulariter attenuata, sublate truncata; anfr. superst. 5 convexi, ultimus circa umbilicum angustum distinctius spiraliter striatus; apertura verticalis, angulato ovalis; perist. duplex: internum expansum, adnatum, nitidum, externum concentrice striatum, ad anfr. contiguum anguste adpressum, caeterum late expansum, supra medium marginis dextri extrorsum magis minusve profunde canaliculatum. — Operc. papyraceum, albidum. — Long. 24, diam. fere 10 mill. Ap. $7^1/_2$ mill. longa, $5^1/_4$ lata. (Coll. Nr. 479.)

Cyclostoma canaliculatum Gundl. in litt.

Chondropoma canaliculatum Pfr. in Malak. Bl. X. 1863. p. 183. (cum descriptione animalis.)

— — *Pfr.* Novit. conch. I. p. 239. Nr. 343. t. 62 f. 1—5.

β. Testa pallide cornea, lineis interruptis castaneis punctato-fasciata

γ. Testa longitudinaliter distinctius costulata et decussata, sanguineo-fulva, saturatius strigata, peristomate radiatim plicatulo, vix canaliculato. (An species?)

Habitat ad montem Guajaibon insulae Cubae. (Forma typica in declivitate meridionali, var. *β* solum in latere occidentali, var. *γ* in latere septentrionali lecta: Gundlach).

§. 13.

81. **Ch. echinulatum Wright.** 990.

T. umbilicata, oblongo-turrita, tenuiuscula, liris spiralibus confertis et costulis longitudinalibus confertioribus echinatim decussata, scabra, fulvo-rubella; spira regulariter attenuata, sublate truncata; anfr. superst. $5^1/_2$ convexi, ultimus circa umbilicum angustum fortius spiraliter costatus; apertura verticalis, angulato-ovalis; perist. duplex: internum nitidum, expanso-adnatum, externum late expansum, radiatim plicatum, superne productum, tum extrorsum late canaliculato-reflexum, latere

sinistro incisum et laminam acutam, umbilicum semitegentem formans. — Operc.? — Long. 27, diam. 11 mill. Ap. $7^1/_4$, c. perist. 12 mill. longa, (Coll. Nr. 480.)

Cyclostoma echinulatum Wright mss., *Gundl.* in litt.

Chondropoma echinulatum Pfr. in Malak. Bl. X. 1863. p. 184.

— — *Pfr.* in Novit. conch. I. p. 240. Nr. 344. t. 62. f. 6. 7.

Habitat in parte occidentali insulae Cubae (Wright).

991. 82. **Ch. sinuosum Wright.**

T. obtecte umbilicata, oblongo-turrita, solidula, liris filiformibus confertis striisque longitudinalibus confertissimis leviter decussata, corneo-albida, lineis subinterruptis castaneis cincta; spira regulariter attenuata, sublate truncata; anfr. superst. 5 convexi, ultimus circa umbilicum spiraliter fortius liratus; apertura verticalis, angulato-ovalis; perist. late expansum, radiato-plicatum, superne cucullatum, utroque latere late sinuoso-reflexum, parte reflexa umbilicum obtegens, vix rimam apertam relinquens. — Operc. albidum. — Long. 26, diam. 11 mill. Ap. 8, c. perist. $12^1/_2$ mill. longa. (Coll. Nr. 481.)

Cyclostoma sinuosum Wright mss., *Gundl.* in litt.

Chondropoma sinuosum Pfr. in Malak. Bl. X. 1863. p. 185. (cum descriptione animalis.)

— — *Pfr.* Novit. conch. I. p. 242. Nr. 346. t. 62. f. 10. 11.

β. Testa minore, albescente, sinu peristomatis dextro levi; long. 17, diam. 7 mill. (*Pfr.* Nov. conch. t. 62. f. 12. 13.)

Habitat in parte occidentali insulae Cubae.

992. 83. **Ch. marginalbum Gundlach.**

T. subobtecte perforata, ovato-turrita, solida, liris levibus et pliculis paulo confertioribus subregulariter granulato-decussata, vix nitidula, rubello-fulvida; spira convexo-turrita, sublate truncata; sutura densissime albo-denticulata; anfr. superst. 4 parum convexi, ultimus rubicundus, antice albo-marginatus, non solutus; apertura subverticalis, angulato-ovalis; perist. album, duplex: internum expansiusculum, externum superne angulatim productum, latere dextro breviter patens, sinistro lamella dilatata perforationem obtegens vel claudens. — Operc. planum, fere membranaceum. — Long. 19, diam. 9 mill. Spec. minimi long. 11, diam. 6 mill. (Coll. Nr. 482.)

Cyclostoma marginalbum Gundl. in litt.
Chondropoma marginalbum Pfr. in Malak. Bl. VI. 1859. p. 75.
— — *Reeve* Conch. ic. sp. 59. t. 8.
— — *Pfr.* Novit. conch. I. p. 189. Nr. 290. t. 51. f. 6. 7.

Habitat loco Caimanera dicto prope Guantánamo insulae Cubae.

§. 14.

84. claudicans Poey. (Coll. 483. — *Ch. tenebrosum var. Reeve* t. 2. f. 9. — Cuba.) . . . Pneum. II. p. 148. 993.
85. tenebrosum Morel. (Coll. 484. — *Reeve* t. 2. f. 7. — Cuba.) . . . . - - - 148. 994.

86. **Ch. assimile Gundlach.** 995.

T. semiobtecte umbilicata, ovato-turbinata, tenuis, longitudinaliter confertissime striata (striis spiralibus obsoletissime decussata), isabellina unicolor vel seriebus punctorum ruforum picta; spira turbinata, truncata; anfr. superst. 4 convexi; apertura verticalis, subangulato-ovalis; perist. duplex: internum vix prominens, externum late expansum, concentrice striatum, latere dextro patens, superne subcucullatim productum, ad anfr. contiguum angustatum, tum umbilicum lamina lata fornicata fere tegens, infra leviter sinuatum. — Operc. rubellum. — Long. $16^1/_2$, diam. $9^1/_2$ mill. Apert. $6^1/_2$, c. perist. 9 mill. longa. (Coll. Nr. 485.)

Cyclostoma assimile Gundl. in litt.
Chondropoma assimile Pfr. in Malak. Bl. X. 1863. p. 186.

Habitat ad montem Guajaibon insulae Cubae.

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87. semicanum Morel. † (Isla de Pinos juxta Cubam.) . . . . Pneum. II. p. 148. 996.

§. 15.

88. **Ch. Gundlachi Arango.** 997.

T. clause umbilicata, oblongo-turrita, solida, liris filaribus albidis (interjectis minoribus) et costulis longitudinalibus confertissimis, illas transgredientibus asperata, haud nitens, cinnamomea, albida vel fusco-violacea; spira subregulariter attenuata,

truncata; sutura irregulariter subcrenulata; anfr. superst. $4^1/_2$ modice convexi, ultimus non solutus; apertura verticalis, angulato-ovalis; perist. duplex: internum expansiusculum, adnatum, externum late expansum et radiato-plicatum, infra umbilicum subito resectum, eum lamina adnata claudens. — Operc. planum. — Long. 22, diam. 11 mill. Apert. (excl. perist.) $6^2/_3$ mill. longa, $5^2/_3$ lata. (Coll. Nr. 486.)

Cyclostoma (Chondropoma) *Gundlachi Arango* in Journ. Conch. X. 1862. p. 408. XI. p. 81. t. 2. f. 4.
Chondropoma solare Pfr. in Proc. Zool. Soc. 1862. p. 277.
— — *Pfr.* Novit. conch. I. p. 218. Nr. 321. t. 57. f. 15. 16.
— — *Reeve* Conch. ic. sp. 66. t. 9.
— *Gundlachi Pfr.* in Malak. Bl. 1863. X. p. 181. (cum descriptione animalis.)

β. Liris spiralibus remotioribus. An species?

Habitat Guane in parte occidentali insulae Cubae (Arango). Varietates nigricantes, fulvae et albidae, nec non var. *β* prope Vignales a dom. Wright lectae sunt.

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998. 89. Shuttleworthi Pfr. (Coll. 487. — *Reeve* t. 1. f. 4. — Cuba.) . . . . Pneum. II. p. 147.

999. 90. **Ch. incrassatum Wright.**

T. clause umbilicata, ovato-turrita, truncata, solida, ponderosa, liris spiralibus tenuibus et striis elevatis longitudinalibus (in ultimo anfr. obsoletis) sculpta, fulva; spira ventrosa, breviter truncata; anfr. superst. 4—$4^1/_2$ convexiusculi, ultimus rotundatus; apertura verticalis, oblique angulato-ovalis; perist. continuum, duplicatum: internum vix prominens, externum crassum, concentrice striatum, superne canaliculatum, ad anfr. contiguum et supra umbilicum late affixum, margine dextro et basali revolutis, sinistro auriculato. — Operc. tenue, planum, extus albidum, intus corneum. — Long. 27, diam. 15 mill. Ap. 9 mill. longa. (Coll. Nr. 488.)

Cyclostoma incrassatum Wright mss., *Gundl.* in litt.
Chondropoma incrassatum Pfr. in Malak. Bl. X 1863. p. 182.

Habitat in parte occidentali insulae Cubae (Wright).

Obs. Differt a praecedente testa crassa, ponderosa, sculptura distinctiore, callo crasso parietis et peristomate externo revoluto, concentrice striato.

91. **Ch. foveatum Gundlach.** 1000.

T. clause umbilicata, oblongo-turrita, tenuiuscula, longitudinaliter confertissime et levissime striata, albido-cornea; spira regulariter attenuata, apice integra, obtusula vel subtruncata; anfr. $6^1/_2$ modice convexi, ultimus rotundatus; apertura verticalis, angulato-ovalis; perist. duplex: internum continuum, vix prominulum, externum late campanulato-expansum, laevigatum, ad anfr. contiguum angustissimum, supra umbilicum profunde foveato-impressum, adnatum. — Operc. albidum. — Long. 27—28, diam. 11 mill. Ap. 8, cum perist. 15 mill. longa. (Coll. Nr. 489.)

Cyclostoma foveatum Gundl. in litt.
Chondropoma foveatum Pfr. in Malak. Bl. X. 1863. p. 185. (c. descriptione animalis.)
— — *Pfr.* Novit. conch. I. p. 241. Nr. 345. t. 62. f. 8. 9.

Habitat in parte occidentali insulae Cubae.

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92. Ottonis Pfr. (Coll. 490. — *Reeve* t. 3. f. 22. 1001.
— Cuba.) . . . . Pneum. II. p. 148.

93. **Ch. pudicum Orbigny.** 1002.

T. clause umbilicata, globoso-turbinata, solidula, pliculis longitudinalibus confertis et striis spiralibus tenuibus decussata, nigro-violacea vel vinoso-rubra; spira regulariter attenuata, breviter truncata; anfr. superst. 4 convexi, ultimus basi distinctius spiraliter striatus; apertura verticalis, subelliptica; perist. duplex: internum vix prominens, externum latere dextro et infero aequaliter patens, concentrice striatum, ad anfr. contiguum angustatum, latere sinistro bilobatum, lobo superiore umbilicum fornicatim claudente, altero subacute erecto, reflexiusculo. — Operc. rubellum. — Long. 16, diam. 9 mill. Ap. 6 mill. longa, 5 lata. (Coll. Nr. 491.)

Cyclostoma pudica Orb. (descript. operculi erronea.)
— *pudicum Reeve* Conch. ic. sp. 149. t. 22.
Choanopoma pudicum Pfr. Mon. Pneum. p. 156. (ex Orb.)
Chondropoma sericatum Mor., *Pfr.* Pneum. Suppl. p. 148.
— *pudicum Pfr.* in Malak. Bl. X. 1863. p. 187.

Habitat ad montem Guajaibon insulae Cubae.

1003. 94. **Ch. excisum Gundlach.**

T. clause umbilicata, turbinata, tenuiuscula, angustissime reticulata, isabellina, lineis rufis interruptis cincta; spira elevata, regulariter attenuata, breviter truncata; anfr. superst. $4^1/_2$ convexi, ultimus teres; apertura verticalis, subangulato-ovalis; perist. duplex: internum distincte porrectum, externum sublate patens, concentrice striatum, rufo-radiatum, latere sinistro dissectum, acute auriculatum et lamina parvula fuscula nitida umbilicum claudens. — Operc. pallide rubellum. — Long. 15, diam. 8 mill. Ap. $5^1/_3$ mill. longa, $4^3/_4$ lata. (Coll. Nr. 492.)

Cyclostoma excisum Gundl. in litt.

Chondropoma excisum Pfr. in Malak. Bl. X. 1863. p. 187.

Habitat ad montem Guajaibon insulae Cubae.

Subfam. VII. Pomatiatea.

Pfr. Mon. Pneum. Suppl. p. 149.

XXXVI. Pomatias Studer.

Pfr. Mon. Pneum. p. 296. Suppl. p. 149. — *Crosse* in Journ. Conch. 3e sér. IV. p. 23. — *W. T. Blanf.* in Ann. and Mag. nat. hist. Jun. 1864.

Conspectus specierum.

A. Peristomate auriculato . . . . §. 1. Nr. 1—13.
B. Peristomate non auriculato . . . §. 2. — 14—22.

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§. 1.

1004. 1. auritus Ziegl. (Coll. 493. — Dalmatia, Albania.) Pneum. II. p. 149.

1005. 2. **P. dalmatinus Parreyss.**

T. subobtecte perforata, turrita, tenuiuscula, subdistanter chordato-costulata (interjectis striis minoribus), violascenti-fulva; spira elongata, sursum attenuata, apice obtusula, pallide cornea;

anfr. 10 convexi, ultimus basi obsolete angulatus, antice vix ascendens; apertura vix obliqua, ovali-subcircularis; perist. duplex: internum continuum, anfractui contiguo adnatum, caeterum breviter porrectum, externum anguste patens, latere sinistro auricula a perforatione remota desinens. — Long. 12, diam. 5 mill. Ap. 4 mill. lata. (Coll. Nr. 494.)

Pomatias dalmatinus Parr. mss., *Pfr.* in Malak. Bl. X. 1863. p. 136.

Habitat Castel Nuovo Dalmatiae.

Obs. Differt a praecedente forma graciliore, costulis remotioribus chordaeformibus, apertura magis ovali, peristomate externo angusto, etc.

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3. obscurus Drap. (Coll. 495. — Pyrenaeae.) . Pneum. II. p. 149. 1006.
4. crassilabrum Dupuy. (Coll. 496. — Pyrenaeae.) . . . . - - - 149. 1007.
5. Partioti Moq. † (Pyrenaeae.) . . . . - - - 150. 1008.
6. Carthusianus Dupuy. † (Alpes Galliae.) . - - - 150. 1009.

7. **P. Hidalgoi Crosse.** 1010.

T. perforata, conico-turrita, parum pellucida, crassiuscula, sat remote et suboblique costulata, cinereo-brunnea; spira apice acutiuscula; anfr. 9 parum convexi, embryonales 2 laevigati, albido-lutei, sequentes costulati, sutura conspicua separati, ultimus basi obsolete subangulatus; apertura verticalis, subovato-rotundata, fauce pallide castanea; peristoma duplicatum, crassum, album: internum vix continuum, externum ad occursum anfractus penultimi subinterruptum, utrinque expansum, reflexum, extus album, margine sinistro subauriculato. — Long. 12, diam. maj. $5\frac{1}{2}$ mill. Apert. cum perist. 5 mill. longa, $4\frac{1}{3}$ lata.“ (Coll. Nr. 497.)

Pomatias Hidalgoi Crosse in Journ. Conch. XII. p. 24. t. 2. f. 3.

Habitat „Pena de Gorbea et Pena de Orduna“ Hispaniae (J. Gonzalez Hidalgo).

8. **P. excisus Mousson.** † 1011.

„T. imperforata, conico-turrita, tenuiuscula, subdiaphana, pallide griseo-cornea, unicolor vel leviter biseriatim luteo-maculata, argute albido-costulata; spira sursum conica, summo acutiusculo; sutura regulari; anfr. 8—9 convexi, primi laevigati, fere vitrei, medii fortiter costulati, ultimus subteres, costulis minoribus arctioribusque praeditus; apertura verticalis, subcircularis; perist. duplex: internum continuum, appressum, in

perforationis loco reflexo et eam obtegens; externum concavo-dilatatum, extus albidum, biauriculatum, auricula supera fere adnata infera spatio exciso late separata. — Operc. normale. — Altit. 10, diam. 4 mill. Apert. diam. int. 2, 2, ext. 3, 4 mill." (M.)

Pomatias excisus Mouss. Coq. Schläfli I. p. 51.

Habitat prope Janina.

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1012. 9. tessellatus Wiegm. (Coll. 498. — Corfu.) . - - - 151.

1013. 10. patulus Drap. (Coll. 499. cum var. *P. Henricae Strob.* — Germania, etc.) . . . . - - - 151.

1014. 11. maculatus Drap. (Coll. 500. — *Pomatias septemspiralis Crosse* in Journ. Conch. XII. p. 28. — Germania, etc.) . . . . - - - 151.

1015. 12. **P. Philippianus Gredler.**

T. subobtecte perforata, regulariter turrita, tenuiuscula, conferte filoso-costulata, pallide cornea, unicolor vel seriatim obsolete maculata; spira regulariter attenuata, apice acutiuscula, lutea; anfr. $8\frac{1}{2}$—9 convexi, ultimus non ascendens, basi obsolete angulatus; apertura verticalis, ovali-rotundata; perist. duplex: internum continuum, breviter adnatum, externum subaequaliter patens, latere sinistro in auriculam anfractum contiguum attingentem dilatato. — Long. 8, diam. 3 mill. Ap. intus 2 mill. longa. (Coll. Nr. 501.)

Pomatias Philippianus Gredl. in sched.

Habitat in provincia Romagna Italiae.

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1016. 13. Porroi Strob. † (Lombardia.) . . . . - - - 151.

§. 2.

1017. 14. Barthelemianus Shuttl. † (Ins. Canar.) . - - - 151

1018. 15. **P. Rayianus Bourguignat.** †

„Testa conica, perforata, tenui, griseo-cornea, ac duabus zonis (in ultimo anfractu tribus) fusculo-griseis, circumcincta; tenuiter ac regulariter costulato-striata, ac ad suturam parum impressam albido-costulata; apice laevi, obtuso; anfractibus 8 vix convexiusculis; ultimo anfractu obsolete carina non striata,

adornata; apertura valde obliqua, oblongo-rotundata; peristomate undique reflexo, albido, non continuo; marginibus approximatis. — Operc. tenuissimum, corneum, in medio spirale, suturis vix sub lente perspicuis, marginibus membranaceis. — Alt. $9^1/_2$, diam. $4^1/_2$ mill." (B.)

Pomatias Rayianum Bourg. in Revue et Mag. Zool. 1857. p. 12. t. 4. f. 5—9.

Habitat in Gallia. (Departement de l' Aube: Bourg.)

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16. striolatus Porro. (Coll. 502. — Italia.) . .	Pneum. II. p. 152.	1019.
17. Nouleti Dupuy. (Gallia.)	- - - 152.	1020.
18. cinerascens Rossm. (Coll. 503. — Dalmatia.)	- - - 152.	1021.
19. scalarinus Villa. (Coll. 504. — Istria, Dalmatia.)	- - - 152.	1022.
20. gracilis Küst. (Coll. 505. — Dalmatia.) . .	- - - 152.	1023.

21. P. Himalayae Benson. † 1024.

„T. perforata, attenuato-turrita, solidiuscula, oblique confertim crassicostata, albida, epidermide tenui, pallide cornea induta; spira elongato-turrita, sensim decrescente, apice obtuso, sutura impressa; anfr. 7—8 convexiusculis, ultimo rotundato, costis remotioribus nonnullis intervenientibus, mox desinentibus, pone aperturam munito; apertura verticali, ovali-rotundata; perist. duplici, incrassato, externo expanso, reflexiusculo, interno continuo, superne ad angulum parietalem fissura minime profunda diviso. — Operc. tenuissimo, membranaceo, translucente, paucispiro. — Long. $5^1/_2$—10, diam. $2^1/_2$—4 mill. Apertura majoris 3 mill. longa, $2^1/_2$ lata." (B.)

Pomatias Himalayae Bens. in Ann. and Mag. nat. hist. 3 d. ser. III. (Mart. 1859.) p. 183.

Habitat in valle Rungun (4000'), nec non ad Darjiling (7000').

Obs. An Realiae adnumeranda species?

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22. pleurophorus Bens. † (Ann. and Mag. n. h. 3 d. ser. III. Mart. 1859. p. 183, antea *Bulimus pleurophorus Bens.*)	Helic. IV. p. 474.	1025.

Species fossiles:

1026.

23. Rubeschi Crosse Journ. Conch. XII. p. 32. — *Cyclostoma Rubeschi Reuss* in Palaeontogr. II. p. 40. t. 4. f. 12.

1027. 24. labellum Sandb. Conch. Mainz. Tertiärb. p. 9. II. p. 147. t. 4. f. 3. — *Cyclost. crassiusculum A Braun* in Deutsch. Nat. Vers. 1842. p. 149. t. 1. f. 5. — *Crosse* Journ. Conch. XII. p. 32. — *Cyclostoma labellum Thomä* Nass. Jahr.

Subfam. Realiea.

Pfr. Mon. Pneum. Suppl. p. 153.

XXXVII. Realia Gray.

Pfr. Mon. Pneum. p. 305. Suppl. p. 153.

Species:

1028. 1. **R. Hochstetteri Pfr.**

T. perforata, ovato-turrita, solidula, subconferte plicatula, fusca; spira convexo-turrita, vertice acutiusculo; sutura levis, filoso-marginata; anfr. $7^1/_2$ vix convexiusculi, ultimus $^1/_3$ longitudinis subaequans, infra medium subacute filocarinatus, circa perforationem carinula secunda munitus; apertura verticalis, ovali-rotundata, superne subangulata; perist. duplex: internum vix porrectum, externum late expansum, concentrice striatum, ad anfr. contiguum angustatum et adnatum. — Long. 9, diam. 4 mill. Ap. $2^1/_2$ mill. longa. (Coll. Nr. 506.)

Realia Hochstetteri Pfr. in Malak. Bl. VIII. 1861. p. 149.

Habitat „Bay of Islands“ Novae Seelandiae (Hochstetter).

Obs. Forma sequentis, sed carinula basali fascile distinguenda.

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1029. 2. Egea Gray. (Coll. 507. — Nova Seelandia.) . - - - 153.
1030. 3. turriculata Pfr. (Coll. 508. — Nova Seelandia.) . . . . - - - 153.

1031. 4. **R. carinella Pfr.**

T. perforata, turrita, solidula, oblique plicatulo-striata, brunnea, pallidius marmorata; spira elongata, apice obtusula; sutura filomarginata; anfr. 7 parum convexi, ultimus $^1/_3$ longi-

tudinis vix superans, carinatus et circa perforationem crista compressa munitus; apertura verticalis, ovalis, superne angulata; perist. fuscum, duplex: internum continuum, externum ad anfr. penultimum angustatum, caeterum patens, reflexiusculum. — Long. 7, diam. $3^1/_4$ mill. Ap. $2^1/_4$ mill. longa. (Coll. Nr. 509.)

Realia carinella Pfr. in Malak. Bl. VIII. 1861. p. 150.

Habitat Drury, Taupiri Novae Seelandiae (Hochstetter).

Obs. Habitus *R. turriculatae*, loco Kakepuku dicto etiam collectae, sed species carina basali *R. Hochstetteri* magis affinis est.

*

5. ventricosa Jacq. (Ins. Marquesas.) . . . . Pneum. II. p. 154. 1032.
6. rubella Pfr. (Ins. Marquesas.) . . . . - - - 154. 1033.

7. **R. ? viridescens Pease.** † 1034.

T. minuta, conica, cylindrica, pallide virens; anfr. 6 convexo-rotundati, sutura bene impressa; apertura lunato-ovalis; perist. integrum, album, anfractui contiguo breviter adnatum. (P.)

Cyclostoma viridescens Pease in Proc. Zool. Soc. 1861. p. 243.

Habitat Huaheine.

Obs. Unica species affinis, quacum auctor speciem suam comparandam declarat, est *Cyclostoma ventricosa Jacq.*, quam ob causam speciem imperfecte descriptam hoc loco dubitanter inserui.

XXXVIII. Hydrocena Parreyss.

Pfr. Mon. Pneum. Suppl. p. 154 (exclusa Omphalotropide). — Animal vide *A. Adams* in Ann. and Mag. nat. hist. 3 d. ser. VII. p. 196.

Etsi plures clari Auctores, inprimis Martens (in Malak. Bl. 1864 p. 142) monuerint, animalia familiarum heterogenearum in hoc et sequente genere commixta esse, protempore his correctionibus uti non possum et species e testae characteribus huc referendas simili ac antea modo enumeravi.

Conspectus specierum.

A. Sublaevigatae . . . . §. 1. Nr. 1—14.
B. Striatulae vel subrugosae . . . §. 2. — 15—22.

C. Spiraliter sculptae . . . . §. 3. — 23.
D. Subgenus *Japonia Gould**) . . . §. 4. — 24—26.

§. 1.

1036. 1. Chinensis Pfr. (Coll. 510. — China.) . . . Pneum. II p. 155.
1037. 2. Bridgesi Pfr. (Chile.) . . . . - - - 155.
1038. 3. cornea Pfr. (Coll. 511. — Borneo.) . . . . - - - 156.
1039. 4. vulpina Pfr. (Fox Islands.) . . . . - - - 156.
1040. 5. brevicula Pfr. (Singapore.) . . . . - - - 156.
1041. 6. albescens Pfr. (Coll. 512. — Opara.) . . . - - - 157.

1042. 7. **H. Vescoi Dohrn**

„T. subperforata, ovato-conica, solidiuscula, laevigata, parum nitens, carnea vel albescens; spira convexo-conica apice obtusiusculo; anfr. $4^1/_2$—5 convexi, ultimus spira paulo brevior, basi rotundatus; sutura valde impressa; apertura verticalis, ovalis; peristomium simplex, expansiusculum, breviter adnatum. — Operc. typicum. — Long. $4^1/_2$, lat. 3 mill. Apert. diam. $1^3/_4$ mill.“ (D. — Coll. Nr. 513.)

Hydrocena Vescoi Dohrn in Malak. Bl. VI. 1859. p. 202.

Habitat in insula Tahiti (Vesco).

Obs. Differt a praecedente (praeter staturam) deficiente angulo in anfractuum medio, sutura profunde impressa, etc.

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1043. 8. solidula Pfr. (Coll. 514. — Lord Hood's Island.) . . . . Pneum. II. p. 157.
1044. 9. oceanica Jacq. † (Ins Vavao.) . . . . . - - - 157.
1045. 10. gutta Shuttl. (Coll. 515. — Ins. Canariens.) . - - - 157.
1046. 11. Noticola Bens. † (Caput Bonae Spei.) . . . - - - 157.
1047. 12. tersa Bens. † (India. Conf. genus *Georissa*.) . - - - 157.

1048. 13. **H. Parcheasi Pfr.**

T. subperforata, turriculata, sublaevigata, translucida, corneo-fusca; spira conica, obtusula; anfr. 5 convexi, ultimus $^1/_3$ longitudinis vix excedens; apertura parum obliqua, sub-

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*) *Japonia* genus sequentibus characteribus designatum: „operculum tenue paucispiratum marginibus tenuibus; testa globoso-conica; umbilicus liber; perist. fere circulare, anfractum contiguum vix tangens; striae incrementi lamellares prominentes, liris volventibus, interdum epidermide barbatis decussatae.“ (*Gould* in Proc. Bost. Soc. VI. Febr. 1859. p. 426; Otia conch. p. 105. 251.)

circularis; perist. simplex, rectum, ad anfr. contiguum brevissime interruptum, margine sinistro vix reflexiusculo. — Long. 2, diam. 1 mill. (Coll. Nr. 516.)

Hydrocena Purchasi Pfr. in Proc. Zool. Soc. 1861. p. 150.

Habitat „Bay of Islands" Novae Seelandiae (Purchas, Hochstetter).

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14. Milium Bens. † (India. Conf. genus *Georissa.*) Pneum. II. p. 158. 1049.

§. 2.

15. exserta Pfr. (Shanghai.) . . . . - - - 158. 1050.

16. **H. ? Tahitensis Pease.** † 1051.

T. imperforata, pyramidalis, vitrea, rubenti-cornea, longitudinaliter costata: costis irregularibus (ultra 20), prominentibus, interstitiis concavis, longitudinaliter minutissime striatis; anfr. 6 rotundati, sutura profunda separati; apertura angulato-ovalis; labrum album, continuum, anfractui contiguo non vel breviter adnatum. — Long. 7, latit. 3½ mill. (P.)

Cyclostoma tahitensis Pease in Proc. Zool. Soc. 1861. p. 243.

Habitat Huaheine.

Obs. Num revera huc pertinens?

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17. obtusa Pfr. (Habitat?) . . . . Pneum. II. p. 159. 1052.
18. oblonga Pfr. (Coll. 517. — Ins. Marquesas.) - - - 159. 1053.
19. pyramis Pfr. (Singapore.) . . . . - - - 160. 1054.
20. Cattaroënsis Pfr. Coll. 518. — Dalmatia.) . - - - 160. 1055.
21. minutissima Sow. (Coll 519. — Ins. Pitcairn.) - - - 160. 1056.
22. exigua Jacq. † (Ins. Mangareva.) . . . . . - - - 161. 1057.

§. 3.

23. **H. ? lirata Morelet** 1058.

T. subperforata, ovato-conica, solida, spiraliter conferte striata, epidermide saturate violaceo-fusca induta; spira conica, apice erosa; anfr. distincti 3—4, ultimus spiram superans, infra suturam impressus et liris nonnullis fortioribus notatus, basi subangustatus; apertura subverticalis, semiovalis; perist. simplex, margine dextro recto, columellari subdilatato, appresso. —

Operc. corneum. — Long. 7, diam. $4^{1}/_{2}$ mill. Apert. 4 mill. longa. (Mus. Cuming.)

Hydrocena lirata Morelet in Rev. et Mag. Zool. 1862. p. 479.

— — *Crosse & Fisch.* in Journ. Conch. XI. p. 371.

Habitat Bien-Hoa Cochinchinae (Morelet).

Obs. *Hydrocena Illex*, *Frustrillum*, *Rawesiana*, *sarrita* et *Pyxis Bens.*, antea huc relatae, ex investigatione animalium genus *Georissam* formant, ad calcem Helicinaceorum tractatum.

§. 4.

1059. 24. **H. barbata Gould.** †

„T. parva, ovato-conica, rufo-cornea, liris numerosis volventibus et striis incrementi tenuibus lamellosis decussata, decussationibus barbam gerentibus; anfr. 5 rotundatis, sutura canaliculata. Apertura postice subangulata; peristomate simplici, vix expanso; umbilico modico, profundo. — Diam. $^{1}/_{8}$ poll.“ (G.)

Cyclostoma barbatum Gould in Proc. Bost. Soc VI. Febr. 1859. p. 425; Otia conch. p. 104.

Japonia barbata Gould Otia conch. p. 251.

Habitat Ousima.

Obs. Lirae duae in anfractu ultimo et singula in prioribus reliquis distinctiores sunt.

1060. 25. **H. citharella Gould.**

„T. parva, subglobosa, tenuis, rufa, laminis incrementi tenuibus ornata, ad peripheriam prope aperturam biangulata, satis umbilicata. Apertura circularis, peristomate simplici anfractum proximum tantum attingente. — Operc. subrotundum, paucespiratum, margine attenuato. — Diam. $^{1}/_{8}$ poll.“ (G.)

Cyclostoma citharella Gould in Proc. Bost. Soc. VI. Febr. 1859. p. 425; Otia conch. p. 104.

Japonia citharella Gould Otia conch. p. 251.

Habitat Ousima.

Obs. Praeter operculum species cum *Helice harpa Say* confundi potest.

1061. 26. **H. musiva Gould.** †

„T. ovato-conica, cornea, radiatim rufo-strigata, subtus ad peripheriam rufo-tessellata, modice umbilicata, striis vol-

ventibus ad 5 arata, lineis incrementi conspicuis decussata; anfr. 5 rotundatis, sutura canaliculata. Apertura rotundata, peristomate simplici. — Axis $^1/_4$, diam. $^1/_5$ poll." (G.)

Cyclostoma musiva Gould in Proc. Bost. Soc. VI. Febr. 1859. p. 425; Otia conch. p. 104.

Japonia musiva Gould Otia conch. p. 251.

Habitat in Japonia?

XXXIX. Omphalotropis Pfr.

Pfr. Mon. Pneum. p. 306. — *Hydrocenae* sectio *Pfr.* Mon. Pneum. Suppl. p. 155.

Conspectus specierum.

A. Peristomate recto.
  1. Sublaevigatae vel striatae.
    a. turritae . . . . §. 1. Nr. 1—4.
    b. ovato-conicae.
      α. Anfractu ultimo medio rotundato . . . . §. 2. — 5—21.
      β. Anfractu ultimo medio carinato . . . . §. 3. — 22—24
  2. Plicatae . . . . §. 4. — 25—27
  3. Spiraliter sculptae . . . . . . §. 5. — 28—31
B. Peristomate expansiusculo . . . . §. 6. — 32—38.

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§. 1.

1. hieroglyphica Fér. (Coll. 520. — Habitat?) Pneum. II. p. 161. 1062.
2. pupoides Anton. (Coll. 521. — Opara.) . . - - - 162. 1063.

3. O. Boraborensis Dohrn. 1064.

„T. perforata, conico-elongata, tenuiuscula, sub lente minute striata, opaca, cornea vel fulvicans, spira conica, apice acuta; anfr. 7 planiusculi, ultimus $^2/_5$ spirae subaequans, medio carinatus, infra carinam rotundatus, juxta perforationem punctiformem angulatus; sutura leviter impressa; apertura angulato-

ovalis, subtus producta; peristomium continuum, simplex, margine columellari reflexiusculo, perforationem tegente. — Operc.? — Long. 6, lat. 3; Ap. diam. 2 mill." (D. — Coll. Nr. 522.)

Omphalotropis Boraborensis Dohrn in Malak. Bl. VI. 1859. p. 203.

Habitat in insula Borabora (Vesco).

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1065. 4. terebralis Gould. † (Taheiti, Eimeo.) . . Pneum. II. p. 162.

§. 2.

1066. 5. rosea Gould. (Ins. Feejee.) . . . . - - - 162.
1067. 6. scitula Gould. † (Taheiti.) . . . . - - - 162.
1068. 7. bulimoides Jacq. (Coll. 523. — Ins. Salomonis.) . . . . - - - 162.

1069. 8. **O. ? maculata Martens.**

„T. ovato-conica, acuta, striatula, parum nitens, olivacea, maculis fuscis triseriatis notata; anfr. $8^1/_2$ planiusculi, sutura minime profunda discreti, ultimus ovatus; apertura oblongo-ovata, superne valde attenuata, acuta, peristomate simplice, margine externo parum arcuato, recto, acuto, columellari breviter expanso; umbilicus pervius, angustus, carina alba, fusco-limbata cinctus. — Long. 11, diam. 7 mill. Ap. alt. 6 mill." (v. Mart.)

Omphalotropis maculata Martens in Proc. Zool. Soc. 1860. p. 11.

Habitat Siam.

Obs. Forma similis *Assimineae Francisci Wood*, nec non formatio tentaculorum (conf. *Martens* in Malak. Bl. X. p. 120), quare species verosimiliter ad Assimineam transferenda.

1070. 9. **O. fasciolata Morelet.** †

„T. minute perforata, ovato-conica, solidula, sublaevigata, parum nitens, corneo, rubigineo-strigata et obscure fasciata; spira conica, apice acuminata; anfr. 8 planulati, sutura marginata juncti, ultimus spiram aequans, ventrosus, circa perforationem punctiformem filo-carinatus et distincte fasciatus; apertura obliqua, angulato-ovalis, basi subcanaliculata; perist. simplex, margine dextro recto, columellari strictim dilatato, patente. — Long. 10, diam. 5 mill." (M.)

Hydrocena fasciolata Morelet in Revue et Mag. Zool. 1862. p. 478.

Hydrocena fasciolata Crosse & Fisch. in Journ. Conch. VI. p. 371.
Habitat Bangkok (Siam), Cochinchina.

10. **O. fulvida Pfr.** 1071.

T. perforata, ovato-conica, tenuiuscula, sublaevigata, fulvida, saturatius nebulosa vel maculata; spira conica, apice acuto; sutura levis, sublate marginata; anfr. 8 vix convexiusculi, ultimus spiram subaequans, basi globosus, circa perforationem carina brevi munitus; apertura vix obliqua, angulato-ovalis; perist. simplex, rectum, margine columellari arcuato, reflexiusculo. — Long. $7^1/_2$, diam. $3^3/_4$ mill. Apert. $3^4/_5$ mill. longa, $2^1/_4$ lata. (Coll. Bernardi.)

Hydrocena fulvida (Omphalotropis) *Pfr.* in Journ. Conch. X. 1862. p. 44. t. 6. f. 4.

Habitat Siam.

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11. erosa Quoy. † (Ins. Guam.)	Pneum. II. p. 163.	1072.
12. dubia Pfr. (Coll. 524. — Opara.)	- - - 163.	1073.
13. Huaheinensis Pfr. (Coll. 525. — Ins. Huaheine.)	- - - 163.	1074.
14. radiata Pfr. (Coll. 526. — Borneo.)	- - - 163.	1075.
15. globosa Bens. (Coll. 527. — Ins. Maurit.) .	- - - 164.	1076.
16. malleata Pfr. (Coll. 528. — Australia.) . .	- - - 164.	1077.
17. glabrata Pfr. (Coll. 529. — Borneo.) . . .	- - - 164.	1078.

18. **O. maritima Montrouzier.** 1079.

T. perforata, ovato-conica, tenuis, laevigata, nitida, pellucida, lutescens vel rubello-fulva; spira turbinata, versus apicem acutiusculum valde attenuata; sutura profunda; anfr. 5 convexi, ultimus spira brevior, infra medium subangulatus, circa perforationem carina elevata pallida munitus; apertura fere verticalis, subangulato-ovalis, basi rotundata; perist. rectum, marginibus callo tenui junctis, columellari reflexiusculo. — Long. $5^1/_2$, diam. $3^3/_4$ mill. Apert. $2^1/_2$ mill. longa. (Coll. Nr. 530.)

Hydrocena (Omphalotropis) *maritima Montrouz.* in Journ. Conch. XI. 1863. p. 74. 165. t. 5. f. 4.

Habitat in Nova Caledonia.

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19. granum Pfr. (Coll. 531. — Ins. oceani austr.)	Pneum. II. p. 165.	1080.
20. cerea Pfr. (Ins. Norfolk.)	- - - 165.	1081.

1082. 21. **O. stricta Gould.** †

„T. elongata, ovato-conica, solidula, laevis, arcte umbilicata; anfr. 6 rotundatis ad suturam tabulatis. Apertura ovata, peritremate simplici continuo, sed postice ad ventrem retracto; umbilico carina inconspicua approximata cincto. — Axis $^1/_5$, diam. $^1/_8$ poll.“ (G.)

Omphalotropis strictus Gould in Proc Bost. Soc. VII. Jun. 1859; Otia conch. p. 105.

Habitat Loo Choo.

§. 3.

1083. 22. vallata Gould. † (Ins. Tonga Tabou.) . . . Pneum. II. p. 162.
1084. 23. exquisita Pfr. (Coll. 532. — Ins. oceani austral.) - - - 162.

1085. 24. **O. distermina Benson.** †

„O. testa perforata, globoso-conica, oblique striatula, supra suturam, ad peripheriam, et circa umbilicum oblique vel radiatim costulato-striata, sub epidermide fusca non nitente albida; spira acuminato-conica, apice acutiusculo, sutura profunda; anfractibus 6, convexis, ultimo ad peripheriam et circa umbilicum subcarinato, carina umbilicali extus linea impressa notata; apertura subobliqua, angulato-ovata, spiram aequante; peristomate recto, acuto, marginibus remotioribus callo tenui junctis; columellari subincrassato. — Operc.? — Long. 3, diam. $2^1/_2$ mill.“ (B.)

Omphalotropis distermina Bens. in Ann. and Mag. n. h. Dec. 1863.

Habitat in insulis Andamanicis.

§. 4.

1086. 25. Navigatorum Pfr. (Ins. Navigatorum.) . . . Pneum. II. p. 165.
1087. 26. plicosa Pfr. (Coll. 533. — Habitat?) . . . - - - 165.

1088. 72. **O. Harpula Benson.** †

„T. subumbilicata, ovato-conica, solidula, oblique confertim flexuose costata, costis elevatis compressis, rufescente, albido obscure marmorata; spira gradatim conica, apice acutiusculo, saturate rubro, sutura profunda; anfractibus 5 convexiusculis, superne prope suturam angulatis, postremis sulco remo-

tiusculo leviter impresso sculptis, ultimo convexo, carina basali elevatiuscula munito; apertura verticali, pyriformi, peristomate simplici acuto, marginibus callo appresso arcuato junctis, columellari expansiusculo, undulato. — Operc.? — Long. 6, diam. 4 mill.“ (B.)

Omphalotropis Harpula Bens. in Ann. and Mag. n. h. 1859. Febr. p. 100.

Habitat in insula Mauritii.

§. 5.

28. acutilirata Pfr. (Coll. 534. — Nov. Hebrid.) Pneum. II. p. 166. 1089.
29. Annatonensis Pfr. (Nov. Hebrid.) . . . . - - - 166. 1090.
30. vestita Pfr. (Coll. 535. — Nova Seelandia.) . - - - 166. 1091.
31. multilirata Pfr. (Ins. Mauritius.) . . . . - - - 167. 1092.

§. 6.

32. aurantiaca Desh. (Coll. 536. — Pondichery.) - - - 167. 1093.

33. **O. Cheynei Dohrn & Semper.** 1094.

„T. perforata, ovato-conica, striis transversis, interruptis, fulguratim dispositis sculpta, fusco-rubella, nebulosa; sutura subcanaliculata et marginata; spira conica, apice acutiusculo; anfr 6 subplani, ultimus magnus, medio subangulatus, circa perforationem compresse carinatus; apertura subverticalis, lunato-ovalis; peristomium expansiusculum, basi effusum, margine columellari supra recedente, basin versus angulum formante et reflexo. — Alt. 11, diam. $6^1/_2$, apert. long. $5^1/_2$, lat. $3^3/_4$ mill.“ (D.)

Hydrocena Cheynei Dohrn & Semper in Malak. Bl. IX. 1862. p. 207.
— — *Pfr.* Novit. conch. I. p. 223. Nr. 326. t. 58. f. 9. 10.

Habitat in insulis Pelew (Cheyne).

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34. rubens Quoy & Gaim. (Coll. 537. — Ins. Mauritius.) . . . . Pneum. II. p. 167. 1095.

35. **O. Ceramensis Pfr.** 1096.

T. subperforata, ovato-conica, tenuiuscula, laevigata, nitida, unicolor fulvida vel cingulo 1 albido ornata; spira conica, acuta; sutura marginata; anfr. 7 vix convexiusculi, ultimus peripheria leviter filocarinatus, crista basali forti munitus;

apertura parum obliqua, angulato-ovalis; perist. simplex, expansiusculum, marginibus distantibus, interdum callo tenuissimo junctis, sinistro flexuoso, medio subdilatato. — Long. 8, diam. 4 mill. Apert. 4 mill. longa. (Coll. Nr. 538.)

Hydrocena (Omphalotropis) *Ceramensis Pfr.* in Proc. Zool. Soc. 1862. p. 117.

Habitat in insula Ceram (Wallace).

Obs. Statura et forma praecedenti persimilis, a qua differt testa laevigata, carina 1 peripherica filari, carina basali validiore, etc.

1097. 36. **O. bicarinata Martens.** †

„Testa-conico-turrita, anguste perforata, subtilissime spiratim lineata, nitidula, brunneoflava, carina filiformi in medio anfractuum et altera circa perforationem munita; anfr. 7, vix convexi; apertura diagonalis, piriformis; peristoma leviter incrassatum, album, expansum, marginibus callo junctis, margine columellari infra auriculatim dilatato. — Long. 10, diam. 6, apert. alt. 5 millim.“ (v. M.)

Omphalotropis bicarinata Mart. in Monatsber. Berl. Ak. 25. Febr. 1864.

Habitat in insulis Amboina et Buru.

Obs. „Affinis *O. rubenti Q. & G.*“

*

1098. 37. Guamensis Pfr. (Coll. 539. — Ins. Guam.) . Pneum. II. p. 167.
1099. 38. expansilabris Pfr. (Coll. 540. — Ins. Mauritius.) . . . . - - - 167.

XL. Cecina A. Adams.

„Tentacula lobiformia, plana, apicibus obtusis rotundatis. Oculi magni nigri, non prominentes, sine pupillis, ad basin externam tentaculorum positi. Rostrum elongatum, cylindricum, annulatum. Pes brevis, oblongus, utrinque rotundatus.

Operculum ovatum, corneum, subspirale.

Testa imperforata, subcylindrica, epidermide olivacea obtecta; apice obtuso, eroso, non truncato; anfractibus planis, laevibus. Apertura ovata, verticali, antice rotundata, postice acuminata, peritremate continuo, vix incrassato; labro flexuoso, in medio subproducto.“ (A.)

Cecina novum genus *A. Adams* in Ann. and Mag. n. h. 3d. ser. VIII. Oct. 1861. p. 308.

Genus ab Auctore cum Truncatella comparatum, sed oculi ad basin externam tentaculorum positi Cecinam e subordine Opisophthalmorum excludere jubent. — Ratio progrediendi in his animalibus eadem est ac Truncatellarum.

Species unica:

1. **C. manchurica A. Adams.** 1100.

„C. testa subcylindrica, imperforata, epidermide olivacea obtecta, apice obtuso, eroso; anfractibus 4½, planis, laevibus; suturis obliquis; apertura ovata; labio vix incrassato; labro in medio subdilatato.“ (A.) — Dimensiones?

Cecina manchurica A. Adams l. c.

Habitat „Olga et Vladimir Bay“ Manchuriae, sub lignis humidis in vicinitate maris.

XLI. Bourciera Pfr.

Pfr. Mon. Pneum. p. 312. Suppl. p. 168. — Cl. *Troschel* (Das Gebiss der Schnecken I. 5. p. 245. t. 20. f. 14) Bourcieram ex linguae conformatione Helicinis necessarie adnumerandam asserit.

Species:

1. helicinaeformis Pfr. (Respublica Aequatoris.) Pneum. II. p. 168. 1101.

2. **B. Fraseri Pfr.** 1102.

T. obtecte umbilicata, depresse conoideo-globosa, solidula, sub lente decussatula, fulvo-carnea; spira mediocris, conoidea, acutiuscula; anfr. 4½ convexi, ultimus rotundatus, non adscendens, pone columellam profunde excavatus, callosus; apertura parum obliqua, angulato-ovalis, intus citrina; columella brevissima, retrorsum in dentem acutum terminata; perist. subincrassatum, albidum, aequaliter patens et reflexiusculum.

— Operc. tenue, corneo-purpurascens, arcuato-plicatum — Diam. maj. vix 11, min. $8^1/_2$, alt. $6^1/_2$ mill (Mus. Cuming.)

Cyclostoma Fraseri (*Bourciera*) *Pfr.* in Proc. Zool. Soc. 1859. p. 28. t. 44. f. 1.

Habitat in provincia Cuenca reipublicae Aequatoris (Fraser).

Obs. Differt a praecedente praeter staturam praecipue anfractu ultimo non inflato, spiram vix superante, columella brevi, etc.

Cyclostomacea
incertae sedis vel omnino dubia.

Cyclostoma

1103. abbreviata Math. 1832. foss.
1104. agglutinans Hombr. & Jacq. † (Oceania.) . . . . Pneum. II. p. 168.
1105. Alberti Dujard. foss.
1106. Aquensis Math. foss.
1107. Arnoudi Michd. 1839. foss. (*Arnouldi Boissy.*)
1108. basicarinatum Pfr. (Coll. 541. — *Chondropoma Reeve* t. 8. f. 58. — Subfoss. St. Croix.) . - - - 168.
1109. Baudoni Mich. (in Journ. Conch. X. 1862. p. 81. t. 4 f. 12) foss.
1110. bisulcatum Braun. (majus Raht) foss.
1111. bulimoides Math. 1832 foss.
1112. cancellatum Grat. foss.
1113. chordiferum Pfr. (Coll. 542. — Subfoss. St. Croix.) . . . . - - - 168.
1114. conoidea Boissy foss.
1115. Coquandi Math. foss.
1116. cornu pastoris Lam. 1804. foss.
1117. crassilabris Math. foss.
1118. ? crenatum (Turbo) Linn. † . . . . - - - 169.
1119. decussatum Bon. 1840. foss.
1120. delicatum Phil. foss.
1121. disjuncta Math. foss.
1122. dolium Thom. (pupa Raht) foss.
1123. Draparnaudii Math. foss.
1124. elegans-antiquum Brongn.
1125. elongatum Serr.

1126. **Cyclostoma Eugeniae Reeve.** †

„Cycl. testa subprofunde umbilicata, subdepresso-orbiculari; spira brevi; anfractibus ad suturam leviter impressis, deinde convexis, spiraliter dense elevato-striatis, in medio acute tenuicarinatis; apertura circulari, labro (in hoc specimine) simplici; fulvescenti-spadicea, infra castaneo plus minus tenue vittata. — Lat. 1 poll.“ (R.)

Cyclostoma Eugeniae Reeve in Proc. Zool. Soc. 1857. p. 209.

Habitát Mauritius.

Obs. An Cyclophori alicujus forma juvenilis?

*

excavatum Serr. foss. 1127.
glabrum Schübl., Klein foss. 1128.
gregaria Bronn 1829. foss 1129.
heliciformis Math. foss. 1130.
helicinaeformis Boissy. foss. 1131.
inflata Desh. foss. 1132.
keuperiana Hehl. foss. 1133.
Lemani Bast. foss. 1134.
Lunelii Math. 1135.
? lunulatum (Nerita) Müll. . . . . Pneum. II. p. 169. 1136.
macrostoma Lam. 1804. foss. 1137.
microstoma Desh. foss. 1138.
mumia Lam. 1804. foss. 1139.
planorbuloides Lam. 1822. (*planorbula Lam.* 1804.) foss. 1140.
plicata Vern. foss. 1141.
? reflexum (Turbo) Linn. . . . . – – – 169. 1142.
sepultum Rambur (in Journ. Conch. X. 1862. p. 179. t. 8. f. 7. 8.) foss. 1143.
Serriana Math. (*Serresana Bronn.*) 1144.
solarium Math. foss. 1145.
spiruloides Lam. 1804. 1146.
subcarinata Mich. 1147.
truncatum Brard 1811. 1148.

(Genus: *Stegomphix Rafin.*)

„Shell oval, opening nearly round, lips not quite joined, the internal covering a small spiral ombilic. — Therefore different from Cyclostoma and Paludina."

„*St. elegans Raf.* (or *Cyclostoma*) oval with 5 spires, white, end nearly obtuse yellow, spires with many small prominent transversal strias. — One inch long or less very pretty. — Buenos Ayres." (*Rafinesque* in Atlantic journal and friend of knowledge 1833. Nr. V. p. 165. — *W. G. Binney & G. W. Tryon* The complete writings of Constantine Smaltz Rafinesque on recent and fossil Conchology. New-York 1864. p. 93.) 1149.

Genus fossile:

Ferussina Grateloup.

Species: *anostomaeformis Grat.*, *laevigata*, *striata* et *tricarinata Bronn*, *lapicida Leufr.*

Cyclostomacea descripta, mihi incognita.

Cyclostoma Vesconis Morelet Séries conchyliol. Livr. II. 1860. Madagascar.
— *pertusum Mor.*
— *spiniferum Mor.*

Familia II. Helicinacea.

Subfam. I. Stoastomea.

Testa multiformis, subturbinata, depressa vel discoidea, plerumque spiraliter striata, rarissime laevigata. Apertura semicircularis; peristoma lamella labrali spirali munitum. Operculum non spiratum, calcareum, exiliter et irregulariter lamelliferum, extus concavum.

Animal tentaculis 2 brevibus, basi crassis, apice acuminatis. Capitis pars antica, ut in Truncatellis, progressum adjuvare videtur. (Chitty).

Stoastomidae C. B. Adams Monogr. of Stoastoma 1849.
— *Chitty* in Proc. Zool. Soc. Lond. 1857. p. 166.
Stoastoma (genus Helicinaceorum) *Pfr.* Mon. Pneum. p. 319. Suppl. p. 170.
— (genus Helicinidarum) *H. & A. Adams* Gen. II. p. 308.

Haec familia, ex unico genere Stoastomate constituta a Cl. Chitty in 8 genera divisa est, quae, praemisso subgenere aberrante: ***Electrina Gray*** tanquam subgenera vel sectiones adoptabimus. — Omnes species notae, a Chitty mirum in modum auctae, insulae Jamaicae insolae sunt, exceptis solis ***St. succineo, Haitiano*** et ***Portoricensi.***

I. Stoastoma C. A. Adams.

Pfr. Mon. Pneum. p. 319. Suppl. p. 170.

§. 1.

Electrina Gray.

„Testa breviter conica [laevigata], epidermide tenui vestita. Spira conica. Axis perforata. Anfractus antice carina valida,

axin circumdante munita. Apertura [semi-]circularis, continua, simplex. (Gray).

Electrina (genus Cyclophoridarum) *Gray* Catal. Cycloph. p. 30.
— (sect. Stoastomatis) *Pfr.* Mon. Pneum. p 319. Suppl. p. 170.
— (subgenus Stoastomatis) *H. & A. Adams.* Gen. II. p. 308.
Cyclostomatis sp. *Sow.*

Species:

1. succineum Sow. (Coll. 1. — *Stoastoma succineum Chitty* l. c. p. 179. — Ins. Opara.) . Pneum. II p. 170. 1150.

§. 2.

Lewisia Chitty.

Testa apertura duplice praedita.

Lewisia Chitty in Proc. Zool. Soc. Lond. 1857. p. 167. 169.
— *H. & A. Adams* Gen. II. (Pt. 5. 1858.) p. 646. t. 138. f. 12. 12 a.
Stoastomatis sp. *C. B. Ad.*, *Pfr.* Mon.

Species:

2. Agassizianum C. B. Adams. † (*Lewisia Agassiziana Chitty* l. c. p. 169.) . . . . Pneum. II p. 171. 1151.
3. Philippianum C. B. Adams. † (*Lewisia Philippiana Chitty* l. c. p. 169.) . . . . . - - - 171. 1152.

4. **St. Woodwardianum Chitty.** † 1153.

T. subdiscoidea, pallide cornea; spira levissime elevata, ambitu concava; anfr. 4 vix rotundati, sutura parum impressa separati, striis incrementi distinctis sculpti, ultimus rotundatus, carinis 14 (in penult. 4) distantibus, obtusiusculis munitus; apertura soluta, subdepressa et subconstricta, semielliptica; labrum duplex, subincrassatum et reflexum, glabrum, planum, non crenatum; labium strictum, margine centro angulatim producto, rotundatum et reflexum versus umbilicum occultum; lamella labralis abrupte a labro ascendens, cavitatem formans intus apertura longiorem, anfractus ultimi partem inferiorem inflexione acuta attingens, extus perconvexum, sutura profunda a basi anfractus ultimi separatum. — Alt. 0,057, lat. max. 0,083, lat. min. 0,07 poll. (Ch.)

Lewisia Woodwardiana Chitty l. c. p. 170.

Habitat „Hanover" insulae Jamaicae.

1154. 5. **St. Mac Andrewianum Chitty.** †

T. subdiscoidea, semidiaphana, margaritaceo-alba; spira convexo-perdepressa; anfr. $3^1/_4$ rotundati, ultimus carinis 25 subtilibus aequidistantibus munitus; apertura rotundata, semicirculo major, ab anfr. ultimo breviter soluta, depressiuscula, superne leviter expansa; labrum subduplex, tenue, anguste reflexum, album, nitidum, laevum, planulatum; labium distincte solutum, sursum ad dextram leviter curvatum; umbilicus callo albo convexo, pone extremitatem superam labii oriente; lamella labralis leviter producta, margine rotundata. — Alt. 0,024, lat. max. 0,046, lat. min. 0,036 poll. (Ch.)

Lewisia Mac Andrewiana Chitty l. c. p. 170.

Habitat „St. Andrews" insulae Jamaicae.

(§. 3. 4.) Wilkinsonaea Chitty.

Testa subdiscoidea, carinis 4—6 validis, plerumque interjectis multis minoribus sculpta.

Wilkinsonaea Chitty in Proc. Zool. Soc. Lond. 1857. p. 167. 171.

Stoastomatis sp. *Adams*, *Pfr.*

Species:

A. Anfractu ultimo eximie producto §. 3. Nr. 6—12.
B. Anfractu ultimo minus producto §. 4. — 13—18.

§. 3.

1155. 6. Wilkinsonaeanum Chitty. † (*Wilkinsonaea Wilkinsonaeana Chitty* p. 171. — *Stoastoma Vilkinsoniae C. B. Adams, Pfr.*) . . . Pneum. II. p. 171.

1156. 7. Gouldianum C. B. Adams. Coll. 2. — *Wilkinsonaea Gouldiana Chitty* p. 171.) . . . - - - 171.

1157. 8. **St. Schomburgkianum Chitty.** †

T. anguste et profunde umbilicata, subdiscoidea, semipellucida, pallidissime cornea; spira convexo-perdepressa; anfr.

$3^2/_3$ rotundati, parte infera planulati, ultimus carinis 5 elevatioribus et minoribus circa umbilicum sensim subtilioribus sculptus; apertura constricta, subsemielliptica, late expansa, inferne deflexa; labrum in angulo circa 50° solutum, perincrassatum et reflexum, album, carinis spiralibus, 5 puncta obtusa formantibus profunde crenata; labium superne strictiusculum, inferne abrupte ad dextram et tum ad sinistram curvatum, attingens labrum prope constrictionem aperturae; lamella labralis leviter rotundata, ad junctionem cum labro prominula, superne anguste et leviter producta. — Alt. 0,039, lat. max. 0,074, lat. min. 0,053 poll. (Ch.)

Wilkinsonaea Schomburghkiana Chitty l. c. p. 171.

Habitat „Moreland, Manchester" insulae Jamaicae.

9. **St. Abbottianum Chitty.** † 1158.

T. late umbilicata, subdiscoidea, alba, subdiaphana, nitida; spira convexo-perdepressa; anfr. 4 convexiusculi, ultimus carinis 5 validis, 3 minoribus circa umbilicum et striis 2 minutissimis ad peripheriam cinctus; apertura longe soluta, pone labrum subconstricta, semielliptica, superne planulata, inferne expansa et depressa; labrum valde productum et depressum ad carinam supremam, caeterum crenatum, reflexum et subincrassatum; labium longe solutum, inferne ad dextram leviter curvatum; lamella labralis juxta labrum leviter et angulatim extensa, tum tenuis, umbilicum non occultans. — Alt. 0,034, lat. max. 0,066, lat. min. 0,049 poll. (Ch.)

Wilkinsonaea Abbottiana Chitty l. c. p. 172.

Habitat „Hanover" insulae Jamaicae.

10. **St. Jardineianum Chitty.** † 1159.

T. umbilicata, subdiscoidea, pallidissime cornea; spira concavo-subelevata; anfr. 4 modice convexi, ultimus valde solutus, superne angulatim et acute productus, carinis 7 validioribus (minoribus nullis) sculptus; apertura ad anfr. contiguum subconstricta, tum inflata et ad labrum leviter constricta, semielliptica; labrum superne (ad carinam secundam) valde productum, depressum vel inflexum, incrassatum, inconspicue crenatum; labium valde solutum, superne leviter, ad dextram distincte sinuatum; lamella labralis angusta, breviter incurvata, umbilicum modice profundum partim occultans. — Alt. 0,024, lat. max. 0,059, lat. min. 0,042 poll. (Ch.)

Wilkinsonaea Jardineiana Chitty l. c p. 173.

Habitat „Swift River Head, St. George's" insulae Jamaicae.

1160. 11. **St. Greenwoodianum Chitty.** †

T. subdiscoidea, pallide cornea; spira convexo-depressa; anfr. $3^2/_3$ convexiusculi, ultimus carinis 5 validioribus et numerosis minoribus (quarum 6 circa umbilicum) sculptus; apertura arcuatim soluta, semicirculo major, superne subplanulata et leviter expansa; labrum superne vix prominenter patens, album et laevigatum, centro subreflexum et expansum, carinis 4 leviter pectinatum; labium subsolutum, sinuosum, tenue, leviter reflexum; umbilicus modice profundus et angustus, lamella labrali acute leviter producta, bene circumscriptus. — Alt. 0,032, lat. max. 0,054, lat. min. 0,044 poll. (Ch.)

Wilkinsonaea Greenwoodiana Chitty l. c. p. 173.

Habitat „Hanover" insulae Jamaicae.

1161. 12. **St. Laidlawianum Chitty.** †

T. subdiscoidea, pallide virens; spira convexo-subelevata; anfr. $3^1/_2$ rotundati, ultimus carinis 5 validis, pluribus minoribus et circa umbilicum striis subtilibus sculptus; apertura pone labium subconstricta, carinis evanescentibus, tum expansa, semicirculo major, superne subdepressa, inferne expansa; labrum duplex, ad carinam primam validam productum, profunde crenatum, subincrassatum et reflexum, album; labium solutum, leviter reflexum, utrinque leviter ad dextram curvatum; umbilicus modice latus, profundus; lamella labralis ubique aequaliter et fortiter producta. — Alt. 0,036, lat. max. 0,064, lat. min. 0,048 poll. (Ch.)

Wilkinsonaea Laidlawiana Chitty l. c. p. 174.

Habitat „Pool's Rock, Hanover" insulae Jamaicae.

§. 4.

1162. 13. Hollandianum C. B. Adams. † (*Wilkinsonaea Tappaniana Chitty* p. 175.) . . . . Pneum. II. p. 171.

1163. 14. Hollandianum C. B. Adams. † (*Wilkinsonaea Hollandiana Chitty* p. 175.) . . . . - - - 171.

1164. 15. **St. Dysonianum Chitty.** †

T. subdiscoidea vel depressissime conica, pallidissime flava;

spira convexo-subelevata, apice acuta; anfr. $4^1/_4$ vix convexiusculi, ultimus vix solutus, carinis 6 elevatis acutis et interjectis numerosis microscopicis sculptus; apertura ad fauces levissime constricta, superne levissime caeterum non expansa; labrum leviter crenatum, tenue, acutum; labium solutum, superne leviter, ad dextram valde rotundatum; umbilicus profundus, subito coarctatus; lamella labralis juxta labrum superne fortiter producta, minus prominens circa umbilicum. — Alt. 0,04, lat. max. 0,066, lat. min. 0,053 poll. (Ch.)

Wilkinsonaea Dysoniana Chitty l. c. p. 175.

Habitat „John Crow Hill, Portland" insulae Jamaicae.

16. **St. Hanleyanum Chitty.** † 1165.

T. subdiscoidea vel depressissime conica, pallide cornea; spira subelevata, stricta vel levissime concava; anfr. 3 rotundati, ultimus carinis 23 inaequalibus sculptus; apertura pone labrum valde constricta, tum dilatata, superne depressa, inferne expansa, semicircularis; labrum duplex, superne leviter productum, carinis 5 validioribus leviter crenatum, in angulo 70° anfr. contiguo affixum, subincrassatum et reflexum; labium modice solutum, extremitate utraque curvatulum; umbilicus latus; lamella labralis ubique subtilis, angusta. — Alt. 0,041, lat. max. 0,061, lat. min. 0,047 poll. (Ch.)

Wilkinsonaea Hanleyana Chitty l. c. p. 175.

Habitat „Pool's Rock, Hanover" insulae Jamaicae.

17. **St. Bensonianum Chitty.** † 1166.

T. subdiscoidea, saturate fusca; spira concaviusculo-subelevata; anfr. $3^1/_2$ subrotundati, ultimus carinis 6 validis et interjectis 18 minoribus sculptus; apertura semicircularis, superne depressa, inferne valde expansa; labrum superne acute productum, album, subincrassatum et reflexum, angulatum, non pectinatum; labium valde solutum, inferne subcurvatum; umbilicus modice profundus et latus; lamella labralis regulariter producta, valida sed angusta, juxta labrum subangulata. — Alt. 0,027, lat. max. 0,049, lat. min. 0,038 poll. (Ch.)

Wilkinsonaea Bensoniana Chitty l. c. p. 179.

Habitat „Roaring River, Westmoreland" insulae Jamaicae.

1167. 18. **St. Moussonianum Chitty.** †

T. subdiscoidea, alba, semidiaphana; spira convexo-subelevata; anfr. $3^1/_2$ convexiusculi, ultimus striis 22, quarum 4 fortioribus, infimis fortissimis, sculptus; apertura semicirculo major, inferne leviter depressa et expansa; labrum incrassatum et reflexum, superne duplicatum, carinis 4 levissime crenatum; labium modice solutum, subcurvatum; umbilicus profundus; lamella labralis uniformiter acute et subtiliter producta. — Alt. 0,035, lat. max. 0,058, lat. min. 0,042 poll. (Ch.)

Wilkinsonaea Moussoniana Chitty l. c. p. 176.

Habitat „Yallahs Hill" insulae Jamaicae.

§. 5. Fadyenia Chitty.

Testa depressa, parte supera anfractus ultimi subangularis, subplanulata, ad peripheriam inferne subangulata circa umbilicum.

Fadyenia Chitty in Proc Zool. Soc. Lond. 1857. p. 167. 177.
Stoastomatis spec. *C. B. Adams, Pfr.* Mon. Pneum.

Species:

1168. 19. Fadyenianum C. B Adams. (*Fadyenia Fadyeniana Chitty* p. 177.) . . . . Pneum. II. p. 171.

1169. 20. **St. Bowerbankianum Chitty.** †

T. subdiscoidea, pallidissime fuscula; spira concavo-depressa, apice mammillata; anfr. 4, superne rotundati, ultimus majusculus, carinis validis 24, superne aequidistantibus, ad peripheriam spatium liberum relinquentibus, inferne distantioribus, circa umbilicum minutis, ad labrum obsoletis sculptus; apertura superne levissime constricta pone labrum, dilatata, ampla, magis constricta parte inferiore et posteriore nec non ad labrum, superne planulata, angulum fere rectum cum labio formans, inferne rotundata; labrum simplex, album; labium bene solutum, incrassatum et reflexum versus umbilicum profundiusculum, valde rotundatum inferne ad dextram; lamella labralis distincta, valida et prominens, sursum inflexa versus umbilicum. — Alt. 0,041, lat. max. 0,08, lat. min. 0,063 poll. (Ch.)

Fadyenia Bowerbankiana Chitty l. c. p. 177.

Habitat „Roaring River, Westmoreland" insulae Jamaicae.

21. **St. Grayanum Chitty** † 1170.

T. subdiscoidea, vivide brunnea; spira concavo-perdepressa, apice mammillata; anfr. $4^2/_3$, ultimis carinis spiralibus circa 33 irregularibus et inaequidistantibus sculptus; apertura semicircularis, angulis supra et infra peripheriam vix modificata, leviter dilatata; labrum duplex: internum simplex, album, nitidum, externum carinis spiralibus pectinatum; labium solutum, album, incrassatum et medio versus umbilicum reflexum, inferne valde ad dextram curvatum; umbilicus profundus et angustus, lamellis 4—5 distinctis, acutis munitus; lamella labralis ubique late et acute producta. — Alt. 0,076, lat. max. 0,105, lat. min. 0,087 poll. (Ch.)

Fadyenia Grayana Chitty l. c. p. 177.

Habitat „Yallahs Hill“ insulae Jamaicae.

§. 6. Hemicyclostoma C. B. Adams mss.

Testa subglobosa, characteribus typicis *St. pisi* respondens.

Stoastoma (genus restrictum) *Chitty* in Proc. Zool. Lond. 1837. p. 167. 178.

Stoastomatis sp. *C. B. Adams, Pfr.* Mon.

Obs. Animal *Stoastomatis pisi* a Chitty (l. c. p. 166.) adumbratum invenies.

Species.

22. pisum C. B. Adams. (Coll. 3. — *Chitty* p. 178.) Pneum. II. p. 170. 1171.
23. Pfeifferianum C. B. Adams. (Coll. 4. — *Chitty* p. 178.) . . . . - - - 171. 1172.

24. **St. Livesayanum Chitty.** † 1173.

T. subglobosa, pallide flava; spira convexiusculo-conica, modice elevata; anfr. $4^2/_3$ vix convexi, ultimus carinis 11 obtusis, elevatis, distantibus; apertura perobliqua, semielliptica, leviter expansa; labrum pectinatum, duplex, levissime reflexum; labium bene solutum, sed carinis 5—6 cum anfr. contiguo connexum, superne ad sinistram arcuatum, angulum acutum cum labro formans, inferne valde ad dextram curvatum; umbilicus angustus et profundus; lamella labralis superne valde producta, sed immediate in umbilico evanescens. — Alt. 0,081, lat. max. 0,103, lat. min. 0,08 poll. (Ch.)

Stoastoma Livesayanum Chitty l. c. p. 178.

Habitat „Ashley Hall, Trelawny“ insulae Jamaicae.

§. 7. Metcalfeia Chitty.

Testa depresse conica.

Metcalfeia Chitty in Proc. Zool. Soc. Lond. 1857. p. 167. 179.

Stoastomatis spec. *C. B. Adams*, *Pfr.* Mon.

Species:

1174. 25. Chittyanum C. B. Adams. (Coll. 5. — *Metcalfeia Chittyana Chitty* p. 179.) . . . . . Pneum. II. p. 171.

1175. 26. **St. Metcalfeianum Chitty.** †

T. depresse conica, pallide cornea; spira modice concavo-elevata, apice obtuso; anfr. $4^1/_2$ convexiusculi, ultimus carinis 16 parum elevatis inaequidistantibus, circa umbilicum prominentioribus, sculptus; apertura subsemicircularis, leviter expansa; labrum subangulatim (non abrupte) ab anfr. contiguo productum, profunde pectinatum; labium leviter solutum, inferne ad dextram leviter curvatum; umbilicus profundus et angustus; lamella labralis minuta, sed acute producta, umbilicum non occultans. — Alt. 0,073, lat. max. 0,096, lat. min. 0,079 poll. (Ch.)

Metcalfeia Metcalfeiana Chitty l. c. p. 179.

Habitat „Hanover“ insulae Jamaicae.

1176. 27. **St. Baquiéanum Chitty.** †

T. depresse conica, brunnea, tandem flavescens et alba; spira modice concaviusculo-elevata; anfr. $4^1/_2$ subrotundati, ultimus carinis 19, validioribus geminis, interjectis singulis subtilibus, sculptus; apertura subsemicircularis, superne subdilatata, leviter expansa, breviter et rotundate ab anfr. contiguo producta; labrum carinis fortioribus pectinatum, leviter crenatum; labium leviter solutum ab anfr. contiguo, abrupte solutum a labro, curvatum deorsum ad dextram; umbilicus non profundus; lamella labralis superne expansa, circa umbilicum angusta — Alt. 0,06, lat. max. 0,089, lat. min. 0,071 poll. (Ch.)

Metcalfeia Bacquiéana Chitty l. c. p. 180.

Habitat „Westmoreland" insulae Jamicae.

28. **St. Sutherlandianum Chitty.** † 1177.

T. depresse conica, pallide cornea vel alba; spira modice concaviusculo-elevata; anfr. 5 modice elevati, ultimus carinis 19 validioribus inaequidistantibus, interjectis aliis subtilioribus, sculptus; apertura semicirculo minor, subobliqua, superne leviter expansa; labrum superne levissime productum, carinis inaequaliter pectinatum; labium ab anfr. contiguo bene solutum, cum labro superne arcu levi junctum, centro subundulatum, inferne ad dextram arcuatum; umbilicus modice profundus; lamella labralis mediocriter producta. — Alt. 0,072, lat. max. 0,12, lat. min. 0,079 poll. (Ch.)

Metcalfeia Sutherlandiana Chitty l. c. p. 180.

Habitat „Belmont, St. James" insulae Jamaicae.

29. **St. Mörchianum Chitty.** † 1178

T. depresse conica, pallidissime cornea; spira leviter concavo-elevata; anfr. $4^3/_4$, leviter rotundati, ultimus carinis numerosis fortibus, irregulariter interjectis subtilibus, sculptus; apertura semicirculo major, subexpansa (inferne magis quam superne), abrupte ab anfr. contiguo producta; labrum tenue, levissime reflexum, carinis fortioribus pectinatum; labium cum labro superne arcuatim junctum, ad dextram valde curvatum, inferne bene solutum ab anfr. contiguo; umbilicus angustus, profundus; lamella labralis superne distincte producta, inferne latiuscula. — Alt. 0,072, lat. max. 0,1, lat. min. 0,074 poll. (Ch.)

Metcalfeia Mörchiana Chitty l. c. p. 181.

Habitat „Roaring River, Westmoreland" insulae Jamaicae.

30. **St. Verreauxianum Chitty.** † 1179.

T. depresse conica, pallide cornea vel flava; spira rectilineariter modice elevata; anfr. $4^1/_3$ mediocriter rotundati, ultimus carinis 17 validis, interjectis singulis subtilibus, sculptus; apertura vix soluta, semicirculo major, lata, inferne subexpansa et depressiuscula; labrum superne leviter productum, carinis validioribus distincte et prominenter pectinatum, ad peripheriam imbricatum, album, nitidum; labium superne et inferne ad

dextram cum labro subarcuatim junctum, levissime reflexum, ab anfr. contiguo vix solutum; umbilicus profundus, angustus; lamella labralis acuta, leviter producta. — Alt. 0,06, lat. max. 0,078, lat. min. 0,6 poll. (Ch.)

Metcalfeia Verreauxiana Chitty l. c. p. 181.

Habitat „Hanover" insulae Jamaicae.

1180. 31. **St. Sinclairianum Chitty.** †

T. depresse conica, pallide cornea vel flava; spira concaviusculo-subelevata, apice subacuto; anfr. $4^1/_4$ modice rotundati, ultimus carinis 9 validis, interjectis singulis subtilibus, sculptus; apertura subsemicircularis, a peripheria deorsum leviter expansa; labrum superne leviter, inferne magis productum, ab anfr. contiguo late solutum, carinis spiralibus fortiter pectinatum; labium bene solutum, perincrassatum, ad dextram superne leviter, inferne fortiter curvatum; umbilicus angustus et profundus, lamella labrali obtectus. — Alt. 0,057, lat. max. 0,084, lat. min. 0,067 poll. (Ch.)

Metcalfeia Sinclairiana Chitty l. c. p. 182.

Habitat „Maroon Town, St. James" insulae Jamaicae.

1181. 32. **St. Mitchellianum Chitty.**

T. depresse conica, pallide cornea; spira concaviusculo-subelevata; anfr. $4^1/_2$ convexiusculi, ultimus superne expansus, carinis 15 validis, inaequidistantibus, interjectis subtilibus (ad peripheriam binis aut ternis) sculptus; apertura semicircularis, infra peripheriam valde dilatata; labrum carinis fortioribus leviter pectinatum, superne leviter productum; labium ab anfr. contiguo modice solutum, inferne ad dextram leviter curvatum; umbilicus profundus, lamella labrali parum affectus. — Alt. 0,07, lat. max. 0,095, lat. min. 0,077 poll. (Ch.)

Metcalfeia Mitchelliana Chitty l. c. p. 182.

Habitat „Maroon Town, St. James" insulae Jamaicae.

1182. 33. **St. Dohrnianum Chitty.**

T. depresse conica, pallide cornea; spira concavo-subelevata; anfr. 4 perparum convexi, ultimus carinis 17 validis, varie interjectis subtilibus, sculptus; apertura semicirculo major,

mediocriter expansa, perobliqua; labrum superne modice productum, reflexum, carinis fortioribus valde pectinatum; labium ab anfr. contiguo bene solutum, superne strictum, inferne ad dextram curvatum; umbilicus profundus et subamplus; lamella labralis valida, acuta, angulo prominente paulo infra junctionem cum labro munita. Alt. 0,052, lat. max. 0,079, lat. min. 0,061 poll. Ch.)

Metcalfeia Dohrniana (sphalm. *Dorhniana*) *Chitty* l. c. p. 182.

Habitat „Pedro District, St. Ann's" insulae Jamaicae.

34. **St. Layardianum Chitty.** † 1183.

T. depresse conica, vivide brunnea; spira concaviusculo-subelevata; anfr. $4^1/_4$, modice convexi, ultimus rotundatus, carinis circa 25 inaequidistantibus, parum et inaequaliter erectis; apertura semicircularis, subobliqua, vix expansa et inferne leviter deflexa; labrum carinis circa 15 pectinatum, superne in linea curvata leviter productum; labium ab anfr. contiguo modice solutum, superne subflexuosum, inferne valde ad dextram curvatum; umbilicus profundus, angustus; lamella labralis leviter expansa. — Alt. 0,062, lat. max. 0,086, lat. min. 0,069 poll. (Ch.)

Metcalfeia Layardiana Chitty l. c. p. 183.

Habitat „Westmoreland" insulae Jamaicae.

35. **St. Swiftianum Chitty.** † 1184.

T. depresse conica, pallide cornea, apice fusca; spira concaviusculo-subelevata; anfr. $4^1/_2$, modice rotundati, ultimus majusculus, carinis 28 irregulariter validis et inaequidistantibus sculptus; apertura semicircularis, subconstricta et margine levissime expansa, superne subdepressa, inferne subexpansa; labrum superne levissime productum, extus carinis plurimis vix pectinatum, margine extremo laevigatum, album, nitidum; labium ab anfr. contiguo bene solutum, inferne ad dextram valde curvatum, ad sinistram reflexum; umbilicus profundus, angustus; lamella labralis late extensa. — Alt. 0,059, lat. max. 0,087, lat. min. 0,069 poll. (Ch.)

Metcalfeia Swiftiana Chitty l. c. p. 183.

Habitat „near Mr. Channer's, Santa Cruz Park, Saint Elizabeth" insulae Jamaicae.

1185. 36. **St. Haitianum Weinland.** †

T. arcuato-rimata, conoideo-depressa, solidula, spiraliter dense striata, pallide flavida; spira brevissime conoidea, vertice minuto; anfr. fere 4 convexiusculi, ultimus depresse rotundatus, antice subconstrictus, non solutus; apertura parum obliqua, semicirculo major; labium substrictum, vix solutum; labrum subaequaliter expansum, superne antrorsum arcuatum; lamella labralis vix prominens, in umbilico rimaeformi mox evanescens. — Diam. maj. $1^1/_2$, min. $^2/_3$ mill. (Coll. Nr. 6.)

Stoastoma Haitianum Weinl. in Malak. Bl. IX. 1862. p. 198. Conf. *Pfr.* ibid. p. 202.

Habitat in insula Haiti.

§. 8. Petitia Chitty.

Testa globosa-discoidea.

Petitia Chitty in Proc. Zool. Soc. Lond. 1857. p. 167. 184.
Stoastomatis sp. *C. B. Adams, Pfr.* Mon.

Species:

1186. 37. Petitianum C. B. Adams. † (*Petitia Petitiana Chitty* p. 184.) . . . . Pneum. II. p. 171.
1187. 38. Cumingianum C. B. Adams. (*Petitia Cumingiana Chitty* p. 184.) . . . . - - - 171.
1188. 39. Anthonianum C. B. Adams. † (*Petitia Anthoniana Chitty* p. 184.) . . . . - - - 171.

1189. 40. **St. Stevensianum Chitty.** †

T. globoso-discoidea, laete fusca; spira convexo-subelevata; anfr. 4 bene rotundati, ultimus carinis 23 erectis, inaequidistantibus, subtus circa umbilicum profundum remotioribus, sculptus; apertura subelliptica, ab anfr. contiguo bene soluta, leviter constricta et vix expansa, inferne parum deflexa; labrum duplex: externum carinis spiralibus levissime pectinatum, internum album, laevigatum, subincrassatum et reflexum, superne cum labio arcu levi junctum; labium strictiusculum, inferne ad dextram levissime curvatum; lamella labralis externe convexa, prope junctionem cum labio in dentem serraeformem producta. — Alt. 0,047, lat. max. 0,086, lat. min. 0,065 poll. (Ch.)

Petitia Stevensiana Chitty l. c. p. 184.
Habitat „Yallahs Hill“ insulae Jamaicae.

41. **St. Fortuneanum Chitty.** † 1190

T. globoso-discoidea, pallidissime cornea; spira convexo-perdepressa; anfr. 4 convexiusculi, ultimus carinis 25 spiralibus sculptus; apertura pone labrum constricta, tum in angulo circa 30° valde dilatata, semicirculo major, superne expansa, inferne leviter deflexa; labrum leviter duplicatum, praecipue parte supera et infera, internum laevigatum, album, nitidum, late crenatum et circa 5 punctis leviter pectinatum, superne cum labio arcuatim junctum, inferne angulatim productum et deflexum, ab anfr. contiguo angulo circa 60° abiens; labium strictum, inferne ad dextram leviter curvatum; umbilicus perprofundus, lamella labrali acuta et angusta non occultatus. — Alt. 0,043, lat. max. 0,078, lat. min. 0,061 poll. (Ch.)

Petitia Fortuneana Chitty l. c. p. 185.
Habitat „Manchester“ insulae Jamaicae.

42. **St. Adamsianum Chitty.** † 1191.

T. globoso-discoidea, rubello-cornea; spira convexo-elevatiuscula; anfr. $4^1/_2$ parum convexi, ultimus pone labrum subinflatus et ad aperturam leviter constrictus, carinis 13 spiralibus validis, superne interjectis subtilioribus, sculptus; apertura vix soluta, levissime expansa; labrum laevigatum, simplex, ad anfr. contiguum appressum, non productum, valde incrassatum, inferne subduplicatum; labium bene solutum, medio valde incrassatum et versus umbilicum reflexum, inferne ad dextram leviter curvatum; umbilicus modice profundus; lamella labralis ad junctionem cum labro valde producta, umbilicum tegens, tum subito angustata. — Alt. 0,062, lat. max. 0,09, lat. min. 0,077 poll. (Ch.)

Petitia Adamsiana Chitty l. c. p. 185.
β. Minor: alt. 0,044, lat. max. 0,076, lat. min. 0,061 poll.
Habitat „Westmoreland“ insulae Jamaicae.

43. **St. Taylorianum Chitty.** † 1192.

T. globoso-discoidea, pallide cornea; spira convexo ele-

vatiuscula; anfr. 4 convexiusculi, ultimus carinis 18 subtilibus, acutis, inaequidistantibus et interjectis 6 validioribus sculptus; apertura vix soluta, pone labrum subconstricta et leviter expansa, superne subdepressa, inferne expansa; labrum album, breviter reflexum, superne non productum, carinis fortioribus levissime pectinatum, inferne subduplicatum; labium strictum, superne appressum; umbilicus modice profundus et angustus; lamella labralis vix producta. — Alt. 0,033, lat. max. 0,06, lat. min. 0,043 poll. (Ch.)

Petitia Tayloriana Chitty l. c. p. 196.

Habitat „St. Ann's" insulae Jamaicae.

1193. 44. **St. Stricklandianum Chitty**. †

T. globoso-discoidea, distincte striata, vivide rufa; spira convexa, vix elevata; anfr. $3^2/_3$, bene rotundati, ultimus carinis 38 subtilibus, inaequidistantibus, irregulariter erectis sculptus; apertura levissime soluta, valde dilatata, non constricta, inferne magis dilatata et depressa; labrum duplex, superne mediocriter productum, internum et externum carinis 6 distincte pectinatum et crenatum; labium vix solutum, superne strictum, inferne subito ad dextram curvatum; umbilicus profundus, latiusculus; lamella labralis levissime producta. — Alt. 0,049, lat. max. 0,074, lat. min. 0,055 poll. (Ch.)

Petitia Stricklandiana Chitty l. c. p. 186.

Habitat „Roaring River, Westmoreland" insulae Jamaicae.

1194. 45. **St. Stokesianum Chitty**. †

T. globoso-discoidea, striata, pallide cornea; spira subconcavo-elevatiuscula, apice submammaeformi; anfr. 4 bene rotundati, ultimus carinis valde inaequalibus et inaequidistantibus, peripherica fortissima et subacuta, nonnullis subtilibus, rotundatis in regione umbilicali, sculptus; apertura semicircularis, modice soluta, subdepressa, leviter constricta; labrum superne vix productum, incrassatum, subreflexum, laevigatum, album, non pectinatum; labium bene solutum, fere strictum in apertura, album, incrassatum et versus umbilicum inferne valde sed maxime et subacute in medio expansum; umbilicus latus et profundus; lamella labralis prope junctionem cum labro valde expansa, valde attenuata versus umbilicum. Alt. 0,049, lat. max. 0,08, lat. min 0,061 poll. (Ch.)

Petitia Stokesiana Chitty l. c. p. 187.

Habitat „Hanover“ insulae Jamaicae.

46. St. Grevilleanum Chitty. † 1195.

T. globoso-discoidea, striata, pallide cornea; spira rectilineari-elevatiuscula; anfr. $3^{2}/_{3}$ rotundati, ultimus carinis 5 validis spiralibus, interjectis 5 subtilioribus, sculptus; apertura oblique elliptica, superne magis quam inferne expansa, latere dextro subcampanulata ob constrictionem levem pone labrum; labrum superne levissime productum, medio incrassatum et reflexum; labium leviter solutum, incrassatum et ad dextram deorsum leviter curvatum; umbilicus non profundus, latus; lamella labralis mediocriter distincta. — Alt. 0,05, lat. max. 0,069, lat. min. 0,057 poll. (Ch.)

Petitia Grevilleana Chitty l. c. p. 187.

Habitat „Yallahs Hill“ insulae Jamaicae.

47. St. Carpenterianum Chitty. 1196.

T. globoso-discoidea, striata; spira convexo-perdepressa; anfr. $3^{2}/_{3}$ modice convexi, ultimus carinis 13 maximis, interjectis nonnullis minoribus, et 2 validis circa umbilicum sculptus; apertura semicircularis, leviter soluta, pone labrum subconstricta, non expansa; labrum superne non productum, laevigatum, subduplex, margine interno acuto, carinis validissimis ad marginem externum subito terminatis; labium bene solutum, ad dextram deorsum leviter curvatum; umbilicus cavus et latus, valde obtectus lamella labrali, superne valde et ample producta. — Alt. 0,038, lat. max. 0,07, lat. min. 0,054 poll. (Ch.)

Petitia Carpenteriana Chitty l. c. p. 187.

Habitat „Pool's Rock, Hanover“ insulae Jamaicae.

48. St. Barronianum Chitty. † 1197.

T. globoso-discoidea, striata; spira perdepressa; anfr. 4 modice convexi, ultimis carinis 20 spiralibus, quarum 7 prominentioribus, sculptus; apertura semicircularis, late soluta, ad labrum valde constricta; labrum superne non productum, tenue, margine interno subduplicatum, leviter pectinatum, incrassatum et subreflexum; labium valde reflexum, inferne modice curvatum; umbilicus profundiusculus, latus, lamella labrali superne

valde et subito extensa, extus convexa magna parte occultatus. — Alt. 0,048, lat. max. 0,084, lat. min. 0,065 poll. (Ch.)

Petitia Barroniana Chitty l. c. p. 188.

Habitat in insula Jamaica.

§. 9. Lindsleya Chitty.

Testa globoso-conica.

Lindsleya Chitty in Proc. Zool. Lond. 1857. p. 167. 188.
Stoastomatis spec. *C. B. Adams, Pfr.* Mon.

Species:

1198. 49. Lindsleyanum C. B. Adams. (*Lindsleya Lindsleyana Chitty* p. 188.) . . . . . . Pneum. II. p 170.

1199. 50. **St. Pickeringianum Chitty.** †

T. globoso-conica, pallidissime cornea; spira stricte elevata, apice acutiusculo; anfr. 5 bene rotundati, ultimus carinis 17 validis obtusis (interjectis singulis vel rarissime binis carinis subtilissimis) sculptus; apertura fere exacte semicircularis, inferne subdepressa; labrum subcurvilineare, superne leviter productum, carinis majoribus fortiter pectinatum; labium subsolutum, inferne ad dextram leviter curvatum; umbilicus mediocriter profundus et latus; lamella labralis late producta, sed immediate in umbilicum intrusa. — Alt. 0,086, lat. max. 0,14, lat. min. 0,086 poll. (Ch.)

Lindsleya Pickeringiana Chitty l. c. p. 188.

Habitat „Manchester?, Yallahs Hill?“ insulae Jamaicae.

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1200. 51. Portoricense Pfr. (Portorico.) . . . . . Pneum. II. p. 170.
1201. 52. Redfieldianum C. B. Adams. (Coll. 7. — *Lindsleya Redfieldiana Chitty* p. 189.) . . - - - 170.
1202. 53. Jayanum C. B. Adams. † *Lindsleya Jayana Chitty* p. 189.) . . . . - - - 171.
1203. 54. Leanum C. B. Adams. (Coll. 8. — *Lindsleya Leana Chitty* p. 189.) . . . . - - - 170

1204. 55. **St. Dennisonianum Chitty.** †

T. globoso-conica, striata, pallide cornea; spira concave

valde elevata; anfr. $3^3/_4$ convexi, ultimus carinis 11 validis et 25 subtilibus sculptus; apertura semicirculo major, superne magis angulata quam praecedentis, levissime constricta et iterum leviter dilatata, minus campanulata et superne latior quam *Leani*; labrum superne non productum, undique cum labio continuum, acute et magis quam rectangule reflexum, intus cristatum, carinis circa 10 leviter pectinatum, non incrassatum, inferne subduplicatum; labium superne densius appressum; umbilicus angustus, sed profundior et latior quam *Leani;* lamella labralis parum distincta. — Alt. 0,06, lat. max. 0,074, lat min. 0,056 poll. (Ch.)

Lindsleya Denisoniana Chitty l. c. p. 189.

Habitat „Moreland, Manchester" insulae Jamaicae.

56. **St. Polyblankianum Chitty.** † 1205.

T. globoso-conica, laete rufa; spira convexo-elevata, apice acuto; anfr. $4^1/_4$ rotundati, ultimus carinis circa 50 subtilissimis, elevatis, undulatis sculptus; apertura subelliptica, superne subplanulata et late expansa, inferne angustata, latere labiali strictiuscula, neque superne neque inferne angularis; labrum et labium continua, valde reflexa; labrum valde duplicatum, praesertim superne; labium dense affixum; umbilicus profundus et angustus; lamella labralis subtilis et angusta, immediate in umbilico evanescens. — Alt. 0,069, lat. max. 0,071, lat. min. 0,056 poll. (Ch.)

Lindsleya Polyblankiana Chitty l. c. p. 190.

Habitat „Westmoreland" insulae Jamaicae.

57. **St. Albersianum Chitty.** † 1206.

T. globoso-conica, pallide flava; spira convexiusculo-elevata; anfr. 5 bene rotundati, ultimus carinis 25 subtilibus sculptus; apertura subelliptica (labro et labio continuis), alba, laevigata, leviter soluta, fere verticalis, inferne leviter expansa et deflexa; labrum duplex, laevigatum, album, carinis non interruptum; labium mediocriter solutum; umbilicus modice profundus, lamella labrali vix producta non angustatus. — Alt. 0,049, lat. max. 0,063, lat. min. 0,044 poll. (Ch.)

Lindsleya Albersiana Chitty l. c. p. 190.

Habitat „John Crow Hill" insulae Jamaicae.

Obs. T. similis *L. Arthurianae*, sed sculptura, anfractuum numero et statura discrepans.

1207. 58. **St. Fischerianum Chitty.** †

T. globoso-conica, pallide flava; spira stricte elevata; anfr. $4^2/_3$ rotundati, ultimus carinis 14 validis et 17 subtilibus sculptus; apertura levissime expansa et depressa, vix soluta, semicircularis; labrum album, nitidum, superne leviter productum, subduplicatum, punctis 11 pectinatum; labium subsolutum, superne strictum, inferne ad dextram abrupte curvatum; umbilicus profundus et angustus; lamella labralis acuta, infra junctionem cum labro angulatim projecta. — Alt. 0,072, lat. max. 0,086, lat. min. 0,072 poll. (Ch.)

Lindsleya Fischeriana Chitty l. c. p. 190.

Habitat „St. Ann's" insulae Jamaicae.

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1208. 59. Moricandianum C. B. Adams. † (*Lindsleya Moricandiana Chitty* p. 191.) . . . . . Pneum. II. p. 171.

1209. 60. **St. Reeveanum Chitty.** †

T. globoso-conica, levissime striata, pallide cornea; spira convexiusculo-elevata; anfr. 4 rotundati, ultimus globosus, carinis 7 validis (periphericis distantioribus) et 3 subtilibus in singulis interstitiis sculptus; apertura lata et expansa, pone labrum valde constricta, antice iterum cochlearis instar expansa, superne et inferne ad sinistram subangularis, superne depressa, inferne ad dextram dilatata; labrum breviter affixum, carinis in dorso fere obsoletis, striis incrementi distinctioribus, duplicatum: externum punctis 7 pectinatum et crenatum, internum punctis 4 pectinatum, superne valde productum et deflexum; labium superne appressum, strictum, inferne ad dextram leviter curvatum; umbilicus profundiusculus, perangustus; lamella labralis subtiliter producta. — Alt. 0,061, lat. max. 0,073, lat. min. 0,061 poll. (Ch.)

Lindsleya Reeveana Chitty l. c. p. 191.

Habitat „Manchester, Trelawny, St. Ann's" insulae Jamaicae.

1210. 61. **St. Shuttleworthianum Chitty.** †

T. globoso-conica, distincte et oblique striata; spira leviter et concaviuscule elevata; anfr. 5 modice convexi, ultimus amplus et pone labrum expansus, carinis 16 validis (inferne

validioribus), interjectis singulis subtilioribus, sculptus; apertura semicircularis, levissime expansa; labrum tenue, breviter reflexum, punctis circiter 10 pectinatum, superne modice et curvatim productum; labium bene solutum, undique curvatum, versus umbilicum incrassatum et reflexum; lamella labralis leviter producta et immediate in umbilico angusto et profunde evanescens. — Alt. 0,072, lat. max. 0,12, lat. min. 0,84 poll. (Ch.)

Lindsleya Shuttleworthiana Chitty l. c. p. 191.

Habitat „Burnt Hill Glade, Westmoreland" insulae Jamaicae.

62. **St. Boissierianum Chitty.** † 1211.

T. globoso-conica, striata, pallide cornea; spira convexiusculo-elevata; anfr. 5 bene rotundati, ultimus carinis 12 prominentibus, mediocribus, interjectis subtilioribus, sculptus; apertura semicirculo major, modice expansa et inferne leviter deflexa; labrum ab anfractu contiguo leviter solutum vel productum, carinis fortioribus distincte pectinatum; labium superne leviter solutum, inferne modice ad dextram curvatum; umbilicus profundus et angustus; lamella labralis ad junctionem cum labro subproducta, inferne angusta. — Alt. 0,064, lat. max. 0,083, lat. min. 0,067 poll. (Ch.)

Lindsleya Boissieriana Chitty l. c. p. 192.

Habitat „New Forest, Manchester" insulae Jamaicae.

63. **St. Gaskoinianum Chitty.** † 1212.

T. globoso-conica, alba; spira stricte elevata; anfr. $4^1/_2$, sutura mediocri separati, ultimus carinis 14 validis, interjectis binis subtilibus, sculptus; apertura semicirculo major, subelliptica; labrum solutum, superne modice productum, punctis circa 13 pectinatum, inferne leviter expansum, reflexum et depressum; labium leviter solutum, superne ad sinistram et inferne ad dextram magis curvatum; umbilicus angustus, parum profundus, lamella labrali gratiose curvata sed leviter prominente partim occultatus. — Alt. 0,064, lat. max. 0,084, lat. min. 0,064 poll. (Ch.)

Lindsleya Gaskoiniana Chitty l. c. p. 192.

Habitat „Ashley Hill, Trelawny" insulae Jamaicae.

1213. 64. **St. Newcombianum Chitty.** †

T. globoso-conica, distincte striata; spira concaviusculo-elevata; anfr. 5 modice convexi, ultimus carinis 18 validis, rotundatis (ad peripheriam interjectis 2 minoribus) sculptus; apertura semicircularis, vix soluta, non expansa, inferne modo leviter depressa; labrum superne levissime productum, lineis fortioribus omnibus pectinatum; labium bene solutum, inferne leviter curvatum; umbilicus profundus et angustus; lamella labralis leviter producta. — Alt. 0,08, lat max. 0,1, lat. min. 0,081 poll. (Ch.)

Lindsleya Newcombiana Chitty l. c. p 193.

Habitat „Clarendon Mountains" insulae Jamaicae.

1214. 65. **St. Riiseanum Chitty.** †

T. globoso-conica, pallide flava; spira stricte vel vix concaviuscule elevata; anfr. 4 valde rotundati, ultimus amplus, carinis 13 acutis, interjectis singulis subtilioribus, sculptus; apertura subsemielliptica, leviter expansa, superne subplanulata, inferne expansa; labrum duplex, album, incrassatum, leviter crenatum et punctis 8 pectinatum, cum labio continuum, superne levissime productum; labium bene solutum, valde (praesertim inferne) curvatum; umbilicus mediocriter profundus et amplus; lamella labralis levissime producta. — Alt. 0,049, lat. max. 0,067, lat. min. 0,05 poll. (Ch.)

Lindsleya Riiseana Chitty l. c. p. 193.

Habitat „Santa Cruz Park, St. Elizabeth" insulae Jamaicae.

1215. 66. **St. Poeyanum Chitty.** †

T. globoso-conica, pallide cornea, ad aperturam fere alba; spira stricte elevata; anfr. 4¾ vix convexi, ultimus carinis circa 18 validis, inaequidistantibus, irregulariter interjectis singulis subtilioribus, sculptus; apertura semicirculo major, superne subplanulata, modice (ad dextram inferne valde) expansa; labrum subduplicatum et carinis minute pectinatum, vix solutum, superne productum et reflexum; labium bene solutum, strictum, inferne ad dextram curvatum; umbilicus mediocriter profundus; lamella labralis levissime producta. — Alt. 0,077, lat. max. 0,11, lat. min. 0,078 poll. (Ch.)

Lindsleya Poeyana Chitty l. c. p. 193.

Habitat „John Crow Hill, Portland" insulae Jamaicae.

67. **St. Henryanum Chitty.** † 1216.

T. globoso-conica, pallide cornea; spira stricte elevata; anfr. 4¼ bene rotundati, ultimus carinis 18 obtusis, rudibus (interjecta 1 subtili peripherica) sculptus; apertura semicirculo major, leviter soluta, superne et inferne expansa; labrum tenue, laevigatum, extus punctis circa 10 pectinatum, superne vix productum; labium modice solutum, tenue, inferne ad dextram curvatum; umbilicus latiusculus et subito perprofundus; lamella labralis valde producta, superne magis expansa; lamella secunda, vix minor, in umbilico. — Alt. 0,053, lat. max. 0,067, lat. min. 0,054 poll. (Ch.)

Lindsleya Henryana Chitty l. c. p. 194.

Habitat „Pools Rock" et „Halley's Mountain, Hanover" insulae Jamaicae.

68. **St. Alderianum Chitty.** † 1217.

T. globoso-conica, distincte striata, pallide flavo-cornea; spira concaviuscule elevata; anfr. fere 5, modice convexi, ultimus carinis 17 validis, interjectis singulis et ad peripheriam 3 subtilibus, sculptus; apertura semicircularis, inferne leviter expansa; labrum vix solutum, superne leviter productum, subreflexum, carinis circa 11 distincte pectinatum; labium ad dextram levissime curvatum, caeterum fere strictum, mediocriter solutum; umbilicus perprofundus; lamella labralis leviter producta. — Alt. 0,068, lat. max. 0,086, lat. min. 0,073 poll. (Ch.)

Lindsleya Alderiana Chitty l. c. p 194.

Habitat „John Crow Hill, Portland" insulae Jamaicae.

69. **St. Bridgesianum Chitty.** † 1218.

T. globoso-conica, pallidissime cornea; spira mediocriter et concaviuscule elevata; anfr. 4¾ modice convexi, ultimus carinis 19 fortiter elevatis sculptus; apertura semicircularis, superne leviter, inferne magis expansa; labrum vix solutum, superne leviter productum, carinis circa 15 obtuse crenatum et pectinatum; labium strictum, inferne solum modice curvatum, modice solutum; umbilicus profundus; lamella labralis ad junctionem cum labro subproducta, circa umbilicum latiuscula. — Alt. 0,06, lat. max. 0,076, lat. min. 0,063 poll. (Ch.)

Lindsleya Bridgesiana Chitty l. c. p. 195.

Habitat „St. Dorothy" insulae Jamaicae.

1219 70. **St. Salleanum Chitty.** †

T. globoso-conica; spira concaviusculo-elevata; anfr. $4^3/_4$ bene rotundati, ultimus carinis 12 validis (interjectis in quovis interstitio 2 subtilibus) et 3 minoribus circa umbilicum sculptus; apertura vix soluta, semicirculo major, superne leviter, inferne magis expansa; labrum vix solutum, superne non productum, leviter reflexum et incrassatum, carinis validis ruditer pectinatum; labium mediocriter solutum, undique leviter curvatum; umbilicus latus et modice profundus; lamella labralis ad junctionem cum labro valde producta, inferne acuta, subito in umbilico evanescens. — Alt. 0,079, lat. max. 0,092, lat. min. 0,073 poll. (Ch.)

Lindsleya Salléana Chitty l. c. p. 195.

Habitat „New Forest, Manchester" insulae Jamaicae.

1220. 71. **St. Arthurianum Chitty.** †

T. globoso-conica, pallide lutea; spira convexiusculo-elevata; anfr. $3^2/_3$ bene rotundati, ultimus subglobosus, carinis 31 elevatis, non omnino aequidistantibus sculptus; apertura leviter et subabrupte expansa, semicirculo major, subelliptica, superne subdepressa et inferne expansa; labrum arcuatim cum labio vix soluto junctum, superne levissime productum, duplicatum, album, laevigatum, non pectinatum; umbilicus latus, parum excavatus; lamella labralis vix producta. — Alt. 0,049, lat. max. 0,066, lat. min. 0,054 poll. (Ch.)

Lindsleya Arthuriana Chitty l. c. p. 195.

Habitat „John Crow Hill, Portland" insulae Jamaicae.

1221. 72. **St. Gutierrezianum Chitty.** †

T. globoso-conica, pallide cornea; spira stricte elevata; anfr. $5^1/_2$ bene rotundati, ultimus carinis 16 validis (modo ad peripheriam interjecta 1 subtiliore) sculptus; apertura semicirculo minor, leviter extensa et inferne levissime deflexa; labrum leviter solutum, superne subproductum cum crena lata, carinis circa 15 pectinatum; labium bene solutum, cum labro continuum, introrsum (praesertim inferne) curvatum, centro et extremitate infima versus umbilicum incrassatum et reflexum; umbilicus profundus; lamella labralis initio acute producta, tum

angustata et subito evanescens in umbilico. — Alt. 0,084, lat. max. 0,15, lut. min. 0,082 poll. (Ch.)

Lindsleya Gutierreziana Chitty l. c. p. 196.

Habitat „New Hope, Westmoreland“ insulae Jamaicae.

73. **St. Owenianum Chitty.** † 1222.

T. globoso-conica, distincte striata, pallide cornea; spira modice et concaviuscule elevata; anfr. $4^1/_2$ bene rotundati, ultimus carinis 19 validis, subinaequidistantibus sculptus; apertura semicircularis, superne subplanulata, deorsum leviter expansa; labrum superne subproductum, non reflexum, tenue, carinis fortiter pectinatum; labium subsolutum, sensim ad dextram inferne curvatum; umbilicus profundiusculus et latus, lamella labrali leviter producta partim occultatus. — Alt. 0,069, lat. max. 0,094, lat. min. 0,073 poll. (Ch.)

Lindsleya Oweniana Chitty l. c. p. 196.

Habitat „Yallahs Hill“ insulae Jamaicae.

74. **St. Wollastonianum Chitty.** † 1223.

T. globoso-discoidea, alba, semitranslucida; spira parum convexo-elevata; anfr. $3^3/_4$ mediocriter rotundati, ultimus carinis circa 31 subtilibus, irregularibus, inaequidistantibus (quarum circa 8 fortioribus) sculptus; ap rtura pone labrum constricta, tum leviter expansa, semicircularis; labrum superne levissime productum, incrassatum, reflexum, carinis fortioribus levissime pectinatum; labium bene solutum, inferne modice curvatum; umbilicus mediocriter profundus et amplus; lamella labralis acuta, angusta. — Alt. 0,036, lat. max. 0,064, lat. min. 0,05 poll. (Ch.)

Lindsleya Wollastoniana Chitty l. c. p. 197.

Habitat „Hanover“ insulae Jamaicae.

§. 10. Blandia Chitty.

Testa subdiscoidea, sculptura prominente destituta.

Blandia Chitty in Proc. Zool. Soc. Lond. 1857. p. 167. 197.

Stoastomatis sp. *C. B. Adams*, *Pfr.*

Species:

1224. 75. Blandianum C. B. Adams. (*Blandia Blandiana Chitty* p. 197.) . . . . , . . . Pneum. II. p. 171.

1225. 76. **St. Jeffreysianum Chitty.** †

T. subdiscoidea, pallide flava; spira perparum elevata, convexa; anfr. $3^1/_2$, modice convexi, ultimus carinis 22 subtilibus, fere aequidistantibus (interjectis 5 paulo validioribus) sculptus; apertura pone labrum constricta, late expansa et introrsum flexa prope labium, superne subplanulata; labrum superne modice productum, parte suprema triplex, late sed non profunde crenatum, carinis 5 validioribus pectinatum, incrassatum, album, nitidum; labium valde solutum, latere sinistro incrassatum et reflexum, inferne ad dextram curvatum; umbilicus latus et profundus; lamella labralis validiuscula. — Alt. 0,04, lat. max. 0,063, lat. min. 0,047 poll. (Ch.)

Blandia Jeffreysiana Chitty l. c. p. 197.

Habitat „Roaring River, Westmoreland" insulae Jamaicae.

1226. 77. **St. Bairdianum Chitty.** †

T. subdiscoidea, pallidissime cornea vel alba; spira perparum elevata; anfr. $3^1/_3$, modice convexi, ultimus ad peripheriam subplanulatus, carinis 30—40 obsoletis (quarum 5 paulo acutioribus), vix sub lente conspicuis, sculptus; apertura semielliptica, valde soluta, superne depressiuscula, undique eleganter expansa; labrum superne valde productum, incrassatum, reflexum, anfractui contiguo lamella curvata undulata junctum; labium leviter solutum, incrassatum et reflexum, inferne leviter ad dextram curvatum; umbilicus latus et mediocriter profundus; lamella labralis acute et anguste producta. — Alt. 0,033, lat. max. 0,062, lat. min. 0,052 poll. (Ch.)

Blandia Bairdiana Chitty l. c. p. 198.

Habitat „Yallahs Hill" insulae Jamaicae.

1227. 78. **St. Mac Gillivrayianum Chitty.** †

T. subdiscoidea, pallide flava; spira perparum elevata convexiuscula; anfr. $3^1/_4$, modice convexi, ultimus carinis 20 minutis, aequidistantibus sculptus; apertura ampla, late expansa,

superne depressiuscula; labrum undique (praesertim superne) duplicatum, leviter reflexum, album, laevigatum, superne valde productum; labium centro subaffixum, superne leviter, inferne magis ad dextram curvatum; umbilicus parum profundus, extensus; lamella labralis perparum producta. — Alt. 0,034, lat. max. 0,055, lat. min. 0,045 poll. (Ch.)

Blandia Mac Gillivrayana Chitty l. c. p. 198.

Habitat „Pedro district, St. Ann's" insulae Jamaicae.

79. **St. Troschelianum Chitty.** † 1228.

T. subdiscoidea, colore . . . ?; spira depressa, convexiuscula; anfr. $3^1/_2$ bene rotundati, ultimus carinis 23 irregularibus, inaequidistantibus, ruditer rotundatis, ad peripheriam obsoletis (4 prominentioribus) sculptus; apertura semicirculo major, leviter expansa, superne subplanulata, inferne depressa; labrum superne mediocriter productum, duplex, album, incrassatum et reflexum, carinis 4 validioribus levissime pectinatum; labium bene solutum, ad dextram superne et inferne leviter curvatum; umbilicus latus et profundus; lamella labralis perparum producta. — Alt. 0,03, lat max. 0,059, lat. min. 0,045 poll. (Ch.)

Blandia Troscheliana Chitty l. c. p. 199.

Habitat „Clarendon Mountains" insulae Jamaicae.

80. **St. Hillianum Chitty.** † 1229.

T. subdiscoidea, pallide cornea; spira perdepressa, concaviuscula; anfr. $3^1/_2$, mediocriter rotundati, carinis 22 inaequidistantibus, superne remotioribus et validioribus, nonnullis periphericis maxime elevatis, sculptus; apertura faucibus levissime constricta, semicirculo major, leviter expansa, superne depressa; labrum superne bene et acute productum, album, circa 5 punctis leviter pectinatum, tenue, reflexum; labium solutum, inferne leviter curvatum; umbilicus subprofundus et latus; lamella labralis (et operc.) ut in *Wilkinsonaea Bensoniana.* — Alt. 0,025, lat. max. 0,047, lat min. 0,041 poll. (Ch.)

Blandia Hilliana Chitty l. c. p. 199.

Habitat „Westmoreland" insulae Jamaicae.

81. **St. Traillianum Chitty.** † 1230.

T. subdiscoidea, pallide cornea; spira perdepressa, convexa;

anfr. $3^1/_3$ bene rotundati, ultimus magnus, carinis circa 16 rudibus et interjectis minoribus sculptus; apertura semicircularis, pone labrum leviter constricta, tum leviter et eleganter expansa; labrum superne eleganter curvatum et productum, superne triplex, inferne duplex, margine levissime incrassatum, album; labium mediocriter solutum, ample reflexum, ubique leviter curvatum; umbilicus modice profundus et latus; lamella labralis leviter producta. — Alt. 0,034, lat. max. 0,057, lat. min. 0,041 poll. (Ch.)

Blandia Trailliana Chitty l. c. p. 199.

Habitat „Clarendon Mountains" insulae Jamaicae.

1231. 82. **St. Lukisianum Chitty.** †

T. subdiscoidea, pallide cornea; spira perdepressa, convexiuscula; anfr. $3^1/_3$, modice convexi, ultimus carinis 27 subtilibus, acutis, quarum 4 paulo validioribus, sculptus; apertura semielliptica, superne leviter depressa, inferne expansa; labrum superne curvatim productum, duplex, punctis circa 5 pectinatum, levissime reflexum, album; labium parum solutum, strictiusculum, inferne ad dextram levissime curvatum; umbilicus mediocriter profundus; lamella labralis centro subproducta. — Alt. 0,024, lat. max. 0,051, lat. min. 0,04 poll. (Ch.)

Blandia Lukisiana Chitty l. c. p. 200.

Habitat „prope Port Maria„" insulae Jamaicae.

1232. 83. **St. Loweanum Chitty.** †

T. subdiscoidea, saturate cornea; spira parum elevata, concaviuscula, apice obtuse prominente; anfr. $3^1/_2$, levissime rotundati, ultimus carinis circa 7 fortioribus, interjectis pluribus subtilioribus, sculptus; apertura semicirculo major, superne expansiuscula, inferne leviter deflexa et expansa; labrum superne leviter productum, carinis omnibus fortioribus late crenatum et pectinatum; labium bene solutum, inferne leviter rotundatum; umbilicus mediocriter profundus; lamella labralis acuta et angusta. — Alt. 0,027, lat. max. 0,055, lat. min. 0,042 poll. (Ch.)

Blandia Loweana Chitty l. c. p. 200.

Habitat „Bodles Pen Wood, St. Dorothy" insulae Jamaicae.

Subfam. II. Helicinea.

Testa heliciformis, turbinata vel depressa, saepe carinata, apertura semiovali vel subtriangulari.

Operculum non spiratum, laevigatum vel granulatum.

Helicinacea Pfr. Mon. Pneum. p. 318; II. p. 169 excluso genere Stoastomate.

De animale conf. *Pfr.* Mon. Pneum. p. 14.

II. Trochatella Swainson.

Pfr. Mon. Pneum. p. 328. Suppl. p. 171.

Conspectus specierum.

A. Ecarinatae.
  1. Peristomatis margine dextro sinuoso . §. 1. Nr. 1—2.
  2. Margine integro . . . . §. 2. — 3—10.

B. Subangulatae . . . . §. 3. — 11—24.

C. Carinatae . . . . §. 4. — 25—33.

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§. 1.

1. regina Mor. (Coll. 9. — *Pfr.* Novit. conch. I. Nr. 359. t. 64. f. 1. 2. Varr. t. 64. f. 3—5. — Var. laevigata: *Pfr.* in Malak. Bl. XI. 1864. p. 106. — Cuba.) . . . . Pneum. II. p. 172. 1233.

2. subunguiculata Poey. (Coll. 10. — *Pfr.* Novit. conch. I. p. 187. Nr. 288. t. 51. f. 1—3. — Conf. *Pfr.* in Malak. Bl. XI. 1864. p. 106. — Cuba.) . . . . - - - 172. 1234.

§. 2.

3. virginea Lea. (Haiti.) . . . . - - - 172. 1235.
4. opima Shuttl. (Haiti.) . . . . - - - 172. 1236.
5. excavata Pfr. (Habitat?) . . . . - - - 173. 1237.
6. chrysostoma Shuttl. (Coll. 11. — Cuba.) . - - - 173. 1238.
7. Gouldiana Pfr. (Coll. 12. — Cuba.) . . . - - - 173. 1239.
8. Sloanei Orb. (Coll. 13. — Cuba.) . . . . - - - 174. 1240.

1241. 9. **Tr. Eugeniana Weinland.**

T. conica, solidula, oblique striata, superne liris elevatis subdistantibus, basi striis spiralibus confertioribus sculpta, flavida; spira convexo-conica, mucronata; anfr. $5^{1}/_{2}$ vix convexiusculi, ultimus non carinatus, utrinque convexior; apertura diagonalis, dilatata, subovalis; columella brevis, sursum subdilatata, plana; perist. expansiusculum. — Operc. solidum, albidum. — Diam. maj. $5^{2}/_{3}$, min. $4^{3}/_{4}$, alt. mill. (Coll. Nr. 14.)

Helicina Eugeniana Weinl. in Malak. Bl. IX. 1862. p. 197.

Trochatella Eugeniana Pfr. ibid. p. 201.

Habitat prope Jérémie insulae Haiti.

Obs. Affinis *Tr. elegantulae*, sed deficiente carinae vestigio, basi convexiore, etc. discrepans.

1242. 10. **Tr. Methfesseli Pfr.**

T. turbinata, tenuiuscula, oblique subtiliter striatula, haud nitens, pallide flava vel rubella, plerumque luto nigricante obducta; spira conica, apice acuta; anfr. 5 convexi, ultimus rotundatus; columella brevis, simplex, subarcuata; apertura obliqua, late semiovalis; perist. simplex, vix expansiusculum. — Diam. maj. 4, min. $3^{1}/_{4}$, alt. 3 mill. (Coll. Nr. 15.)

Trochatella Methfesseli Pfr. in Malak. Bl. IX. 1862. p. 8.

Habitat Sagua de Tánamo insulae Cubae (Wright).

Obs. Species similis *Tr. rupestri Pfr.* et *continuae*, sed anfractu ultimo minime carinato discrepans.

§. 3.

1243. 11. Petitiana Orb. (Coll. 16. — Cuba.) . . . Pneum. II. p. 173.
1244. 12. dilatata Poey. † (Cuba.) . . . . - - - 174.
1245. 13. politula Poey. (Coll. 17. — Cuba.) . . . - - - 174.
1246. 14. luteo-apicata Poey (Coll. 18 — Cuba.) . - - - 174.
1247. 15. petrosa Gundl. (Coll. 19. — Cuba.) . . . - - - 174.
1248. 16. rubicunda Gundl. (Coll. 20. — Cuba.) . . - - - 175.
1249. 17. conica Pfr. (Coll. 21. — *Helicina elegans Orb*
— Cuba.) . . . . - - - 175.
1250. 18. hians Poey. (Coll. 22. — Cuba.) . . . . . - - - 175.
1251. 19. callosa Poey. (Coll. 23. — Cuba.) . . . . - - - 176.
1252. 20. elegantula Pfr. (Coll. 24. — *Pfr.* in Mal. Bl.
1253. 1858. p. 146. — Haiti.) . . . . - - - 176.
21. capillacea Pfr. (Coll. 25. — Cuba.) . . . - - - 176.

1254. 22 **Tr. continua Gundlach.**

T. conica, solidula, oblique levissime striatula, sordide

lutescens, tegumento calcareo partim obducta; spira regulariter conica, vertice acuto; anfr. 5 planiusculi, subexserti, ultimus peripheria subcarinatus, basi planiusculus, medio impressus, non callosus; apertura diagonalis, triangulari-semiovalis; columella simplex, breviter recedens; perist. simplex, margine supero antrorsum dilatato, basi reflexiusculo. — Operc. concolor. — Diam. maj. $4^1/_3$, min. $3^2/_3$, alt. $2^2/_3$ mill. (Coll. Nr. 26.)

Helicina continua Gundl., Poey Memor. II. p. 6. nr. 205.
Trochatella continua Pfr. in Malak. Bl. V. 1858. p. 49.

Habitat prope Guisa insulae Cubae.

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23. rupestris Pfr. (Coll. 27. — Cuba.) . . . . Pneum. II. p. 176. 1255.
24. tenuis C. B. Ad. (Jamaica.) . . . . — — — 176. 1256.

§. 4

25. Tankervillii Gray. (Coll. 28. — Jamaica.) — — — 177. 1257.

26. **Tr. Mouhoti Pfr.** 1258.

T. trochiformis, solidula, peroblique rugoso-striata, alato-carinata, lutescens; spira conoidea, vertice minuto, laevigato, subpapillari; anfr. 6, plani, subundulati, omnes in alam undulatam, in superioribus subappressam, in ultimo liberam, deflexam, dilatati, ultimus basi convexiusculus, minutissime spiraliter striatus; apertura peroblíqua, lanceolata; perist. albidum, marginibus callo tenui nitido junctis, supero tenui, subrecto, basali arcuato, calloso, breviter reflexo, ad columellam brevissimam nodulifero. — Operc. rubellum. — Diam. maj. 17, min. 14, alt. 8 mill. (Coll. Nr. 29.)

Trochatella Mouhoti Pfr. in Proc. Zool. Soc. 1862. p. 27. t. 36. f. 14.
— — *Pfr.* Novit. conch. I. Nr. 361. t. 64. f. 9—11.

Habitat in montibus Lao dictis Cambojae (Mouhot).

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27. constellata Mor. (Coll. 30. — Cuba.) . . Pneum. II. p. 177. 1259.
28. stellata Vel. (Coll. 31. — Cuba.) . . . . — — — 177. 1260.
29. Josephinae C. B. Ad. (Coll. 32. — Jamaica.) — — — 177. 1261.
30. Chittyana Pfr. (Jamaica.) . . . . — — — 177. 1262.
31. pulchella Gray. (Coll. 33. — Jamaica.) . . — — — 177. 1263.
32. Grayana Pfr. (Coll. 34. — Jamaica.) . . . — — — 177. 1264.
33. semilirata Pfr. (Venezuela.) . . . . — — — 177. 1265.

III. Lucidella Swainson.

Pfr. Mon. Pneum. p. 337. Suppl. p. 178. Conf. *Petit* in Journ. Conch. II. 1851. p. 85.

Species:

1266. 1. **L. aureola Férussac.**

T. depresso-conoidea, tenuiuscula, concentrice confertim striata, subunicolor purpurascenti-fusca vel straminea; spira convexo-conoidea, mucronata; anfr. 5—6 convexiusculi, ultimus convexior, medio obsolete subangulatus, basi subtilius striatus, medio impressus, antice constrictus, biscrobiculatus; apertura perobliqua, bisinuato-subtriangularis; columella brevissima, immediate in peristoma album, superne late expansum, basi reflexum abiens; margo superus strictiusculus, intus dente parum prominente, inferus prope insertionem dente validiore munitus. — Operc. tenuissimum. — Diam. maj. 10, min. $8^2/_3$, alt. 6 mill. (Coll. Nr. 35.)

Helix aureola (Helicodonta) *Fér.* Prodr. Nr. 90.
— — *Fér.* Hist. t. 48. f. 1. (Nec t. 49 A. f. 1.)
— — *Wood* Suppl. t. 8. f. 65.
Helicina aureola Sow. Thes. f. 44?
Lucidella aureola Swains., *Chemn.* ed. nov. t. 5. f. 21—23.
— — *Pfr.* Mon. Pneum. p. 337. Suppl. p. 178 (exclusis synonymis ad speciem sequentem laudatis.)
— *areola Petit* Journ. Conch. II. 1851. t. 1. f. 10.
β. Minor: diam. maj. $7^1/_2$, min. $6^1/_2$, alt. $4^2/_3$ mill.

Habitat in insula Jamaica.

Obs. Species ex typo Férussaciano admissa, statura pervariabilis, sed semper a sequente bene distinguenda.

1267. 2. **L. undulata Pfr.**

T. conoidea, solidula, spiraliter conferte sulcata et superne oblique undulato-plicata, rufa, albido-variegata; spira convexiusculo-conoidea, mucronata, anfr. 6 planiusculi, ultimus supra medium lira prominente carinatus, basi convexior, medio vix impressus, antice constrictus, biscrobiculatus; apertura perobliqua, bisinuato-triangularis; perist. album, callosum, marginibus remotis, reflexis, supero mediocriter, basali prope columellam validius unidentato. — Diam. maj. $7^2/_3$, min. 7, alt. $4^1/_2$ mill. (Coll. Nr. 36.)

Helix aureola var. Fér. Hist. t. 49 A. f. 1.
Helicina aureola Gray in Zool. Journ. I. p. 70. t. 6. f. 15.
— — *Sow.* Thes. Helic. t. 1. f. 46.
Lucidella aureola Pfr. Mon. Pneum. ex parte
— *undulata Pfr.* in Malak. Bl. VIII. 1861. p. 171.

Habitat in insula Jamaica.

Obs. Differt a praecedente anfractibus omnibus superne plicatis, quare superficie undulata, et lira carinaeformi supra medium anfractus ultimi.

3. L. sulcata Weinland. 1268.

T. convexo-conoidea, solidula, spiraliter conferte striata, cinnamomea; spira convexo-conoidea, mucronulata; sutura subcanaliculata; anfr. $5^1/_2$ planiusculi, ultimus medio carinula compressa et canali angusto infra eam cinctus, basi obsoletius striatus, medio impressus, non callosus; apertura perobliqua, sinuato-triangularis; perist. album, margine supero expanso, intus obsolete unidentato, basali reflexo, prope insertionem nodulo acuto et tum tuberculo magno, transverse oblongo instructo. — Operc.? — Diam. maj. 7, min. 6, alt. 4 mill. (Coll. Nr. 37.)

Prosopis sulcata Weinl. in Malak. Bl. IX. 1862. p. 198.
Lucidella sulcata Pfr. ibid. p. 201.
— — *Pfr.* Novit. conch. I. Nr. 362. t. 64. f. 12—14.

Habitat in insula Haiti.

4. L. inaequalis Pfr. 1269.

T. conica, solida, oblique striata et conferte lirata (liris 5 in anfractu ultimo fortioribus, acutis), pallide flavida; spira convexo-conica, mucronata; sutura subcanaliculata, albo-marginata; anfr. 6 vix convexiusculi, ultimus basi planiusculus, spiraliter dense striatus, antice constrictus; apertura perobliqua, bisinuato-triangularis, angulo dextro rotundato; perist. album, callosum, late expansum et reflexiusculum, margine supero et basali prope insertionem unidentatis. — Operc.? — Diam. maj. $6^1/_2$, min. $5^1/_2$, alt. $4^1/_2$ mill. (Mus. Cuming.)

Lucidella inaequalis Pfr. in Proc. Zool. Soc. Lond. 1859. p. 28.

Habitat in insula Jamaica.

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5. nana Pfr. (Coll. 38. — Jamaica.) . . . . . Pneum. II. p. 178. 1270.

IV. Helicina Lamarck.

Pfr. Mon. Pneum. p. 328. 420. Suppl. p. 178.

Conspectus specierum.

A. Peristomate introrsum subdentato . §. 1. Nr. 1— 9.
B. Peristomate non dentato,
  a. recto, acuto.
    α. Ecarinatae,
      1. conico-globosae . . . . . §. 2. — 10— 17.
      2. conoideae vel conicae . . §. 3. — 18— 23.
      3. depressae . . . . §. 4. — 24— 32.
    β. Subangulatae . . . . §. 5. — 33— 38.
    γ. Carinatae,
      1. conoideae . . . . §. 6. 39— 41.
      2. depressae . . . . §. 7. — 42— 45.
  b. subrecto, incrassato, obtuso.
    α. Ecarinatae . . . . §. 8. — 46— 65.
    β. Carinatae . . . . §. 9. — 66— 75.
  c. expanso, simplice.
    α. Ecarinatae,
      1. conicae . . . . §. 10. — 76.
      2 globoso-conoideae.
        * Spira parvula.
          † Laevigatae vel striatae §. 11. — 77—107.
          †† Spiraliter sculptae . §. 12. — 108—115.
        ** Spira anfractum ultimum aequante vel superante.
          † Sublaevigatae . . . §. 13. — 116—141.
          †† Striatae . . . . . §. 14 — 142—146.
          ††† Spiraliter sculptae . §. 15. — 147—155.
      3. depressae,
        * sublaevigatae . . . . §. 16 — 156—167.
        ** striatae vel subgranulatae §. 17. — 168—170.
        *** spiraliter sculptae . . §. 18. — 171—177.
    β. Subcarinatae,
      1. conicae vel conoideae,
        * spiraliter sculptae . . . §. 19. — 178—192.
        ** sculptura spirali nulla . §. 20. — 193—207.
      2. depressae . . . . §. 21. — 208—218.
    γ. Distincte carinatae.
      1. Columella subsimplice.
        * Trochiformes . . . . §. 22. — 219—227.

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§. 1.

1. Adamsiana Pfr. (Coll. 39. — Jamaica.) . . Pneum. II. p. 179. 1271.

2. H. coronula Shuttleworth. 1272.

T. depressa, tenuis, spiraliter conferte striata et seriebus irregularibus punctorum pustulosorum munita, pellucida, corneo-albida; spira vix elevata, vertice minuto; sutura linearis, submarginata; anfr. 5 planulati, ultimus latus, depressus, peripheria obsolete angulatus, basi radiato-striatus, medio callo circumscripto munitus; columella brevissima, verticalis; apertura diagonalis, subtriangularis; perist. angulatim expansum, reflexiusculum, subincrassatum, margine supero fere stricto, basali cum columella angulum rectum formante, prope angulum dente vix conspicuo incrassato. — Diam. maj $7^2/_3$, min. $6^1/_2$, alt. $3^1/_2$ mill. (Coll. Nr. 40.)

Helicina coronula Shuttl. in litt. ad Bland.
— — *Pfr.* in Malak. Bl. IX. 1862. p. 155.

Habitat in insula Jamaica.

Obs. Differt ab *H. Adamsiana* spira vix elevata, sculptura spirali distincta, anfr. ultimo fere angulatim depresso, dente marginis basalis minuto, etc.

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3. depressa Gray. (Coll. 41. — Jamaica.) . . Pneum. II. p. 179. 1273.
4. plicatula Pfr. (Martinique.) . . . . - - - 179. 1274.
5. rugosa Pfr. (Coll. 42. — Etiam prope Trinidad Cubae lecta. — Var. paulo major, dente marginis basalis validiore. Hab. in insula Haiti. Conf. Malak. Bl. 1858. p. 145.) . . . . . - - - 180. 1275.
6. vinosa Shuttl. (Coll. 43. — Portorico.) . . - - - 180. 1276.
7. unidentata Pfr. (Coll. 44. — Honduras.) . . - - - 180. 1277.
8. lirata Pfr. (Coll. 45. — Yucatan.) . . . . . - - - 180. 1278.
9. lineata C. B. Ad. (Coll. 46. — Jamaica.) . . - - - 180. 1279.

§. 2.

10. cingulata Pfr. (Haiti.) . . . . - - - 186. 1280.

1281. 11. **H. pulla Martens.** †

„Testa parvula, globosa, striatula, nitida, laete lutea, apice rubicunda; spira convexo-conica, brevis; anfr. 4, sutura superficiali; ultimus basi inflatus, callosus, prope aperturam descendens; apertura parum obliqua, lunata; margo columellaris breviter strictus, dein subangulatim transiens in marginem basalem, qui statim arcuatim ascendit; peristoma rectum, simplex, acutum. — Operculum semiellipticum, tenue, albidum. — Diam. maj. 7 millim., min. $5^1/_2$, alt. 5; apert. long. 2, latit. $3^1/_2$." (v. M.)

Helicina pulla Martens in Malak. Bl. X. 1863. p. 86.

Habitat in insulis Moluccis Halmahera et Batjan.

Obs. „An adulta? Testa sola primo aspectu *Helici nemorali* pullae persimilis, excepto callo basali. — Animal pallide sulphureum, tentaculis elongatis, fere setaceis."

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1282. 12. Dominicensis Pfr. (Haiti.) . . . . Pneum. II. p. 186.
1283. 13. modesta Pfr. (Coll. 47. — Nov. Hebrid., ins. Salomon.) . . . . - - - 186.
1284. 14. vestita Guild. † (An status juvenilis *Helic. orbiculatae?* ex W. G. Binn. — America borealis?) . . . . - - - 187.
1285. 15. margaritacea Less. † (Nova Guinea.) . . . - - - 187.
1286. 16. exigua Jacq. (Coll. 48 ? — Ins Mangareva.) - - - 187.

1287. 17. **H. Emmerlingi Pfr.**

T. conico-globosa, tenuis, oblique levissime striatula, pellucida, rufo-cornea, plerumque luto agglutinato asperata; spira turbinata, vertice acutiusculo; anfr. $4^1/_2$ convexi, ultimus callo basali anguste circumscripto munitus; columella brevis, arcuata; apertura obliqua, late semiovalis, intus submargaritacea; perist simplex, rectum. — Operc. tenue, concolor. — Diam. maj. 3 alt. $2^1/_2$ mill. (Coll. Nr. 49.)

Helicina Emmerlingi Pfr. in Malak. Bl. IX. 1862. p. 130.

Habitat Monte Toro in districto Guantanamensi insulae. Cubae (Wright).

Obs. Similis *H. grano*: differt spira elatiore, peristomate simplice et deficiente sculptura spirali.

§. 3.

1288. 18. costata Gray. (Coll. 50. — Jamaica.) . . . Pneum. II. p. 187.

19. **H. candida Pfr.** 1289.

T. turbinata, solida, sublaevigata (rarius striis spiralibus nonnullis obsoletis signata), candida; spira conoidea, vertice papillari; anfr. 5 convexiusculi, ultimus antice leviter descendens et subconstrictus; apertura diagonalis, fere semicircularis, intus ignea; columella brevissima, aurantiaca, callum emittens circumscriptum, album, nitidum; perist. simplex, rectum. — Diam. maj. 5, min $4^1/_3$, alt. $3^2/_3$ mill. (Coll. Nr. 51.)

Helicina candida Pfr. in Malak. Bl. V. 1858. p. 145. t. 2. f. 13—16.

Habitat „Turk's Island“ Indiae occidentalis (Hjalmarson).

20. **H littoricola Gundlach.** 1290.

T. conico-subglobosa, solidula, spiraliter conferte et distincte striata, albida vel pallide carnea; spira convexo-conica, acuminata; sutura impressa; anfr. 5 vix convexiusculi, ultimus spiram subaequans, basi vix convexus, peripheria rotundatus; apertura diagonalis, subtriangulari-ovalis, intus lutea; columella simplex, callum crassum concolorem emittens; perist. rectum, subduplicatum. — Operc. immersum, margaritaceum. — Diam. maj. $4^3/_4$, min. $4^1/_4$, alt. $3^2/_3$ mill. (Coll. Nr. 52.)

Helicina littoricola Gundl. in litt.

— — *Pfr.* in Malak. Bl. VII. 1860. p. 25.

Habitat prope Baracoa insulae Cubae (Gundlach).

Obs. Species habitu praecedenti persimilis, sed striis spiralibus distinctis et peristomate discrepans.

21. **H. Mohriana Pfr.** 1291.

T. conica, tenuis, sub lente obsoletissime striatula, diaphana, nitida, corneo-lutescens; spira subregulariter conica, vertice acutiusculo; anfr. $5^1/_2$, superi subplanulati, ultimus spira minor, convexior, basi planiusculus, juxta columellam brevem excavatus, leviter callosus; apertura vix obliqua, late semiovalis; perist. simplex, tenue, vix expansiusculum. — Diam. maj. 5, min. $4^2/_3$, alt. $4^1/_2$ mill. (Coll. Mohr.)

Helicina Mohriana Pfr. in Malak. Bl. VIII. 1861. p. 172.

Habitat Orizaba reipublicae mexicanae.

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22. laciniosa Migh. (Coll. 53. — Ins. Sandwich.) Pneum. II. p. 187. 1292.
23. microdina Mor. † (Guatemala.) . . . . . - - - 187. 1293.

§. 4.

1294. 24. umbonata Shuttl. † (Portorico.) . . . . . Pneum. II. p. 187.
1295. 25. subfusca Menke. (Coll. 54. — Ins. St. Thomas.) - - - 187.
1296. 26. Hjalmarsoni Pfr. (Coll. 55. — Portorico.) . - - - 188.
1297. 27. nitida Pfr. (Coll. 56. — Cuba.) . . . . . - - - 188.
1298. 28. glabra Gould. (Coll. 57. — Cuba.) . . . . - - - 188.

1299. 29. **H. montana Wright.**

T subgloboloso-depressa, tenuis, vix striatula, diaphana, oleoso-micans, succinea vel rubella; spira parum elevata; anfr. fere 5 convexiusculi, lente accrescentes, ultimus rotundatus, basi juxta columellam brevem, verticalem, non dentatam impressus et callo parvulo circumscripto munitus; apertura obliqua, irregulariter ovalis; perist. simplex, rectum, margine basali vix antrorsum curvato, cum columella angulum rectum formante. — Operc. tenue, concolor. — Diam. maj. 5, min. 4, alt. 3 mill. (Coll. Nr. 58.)

Helicina montana Wright mss.

— — *Pfr.* in Malak. Bl. XI. 1864. p. 160.

Habitat „Luis Lazo, Vuelta abajo" in parte occidentali insulae Cubae.

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1300. 30. cornea Sow. † (Habitat?) . . . . Pneum. II. p. 188.
1301. 31. rustica Pfr. (Coll. 59. — Taheiti.) . . . . . - - - 188.
1302. 32. inconspicua Pfr. (Taheiti.) . . . . - - - 189.

§. 5.

1303. 33. beryllina Gould. (Ins. Feejee.) . . . . . - - - 189.
1304. 34. Norfolkensis Pfr. (Ins. Norfolk.) . . . . - - - 189.
1305. 35. rotelloidea Migh. (Coll. 60. — Ins. Sandwich.) - - - 189.
1306. 36. pictella Pfr. (Ins. Norfolk.) . . . . - - - 189.
1307. 37. exigua Pfr. (Honduras.) . . . . - - - 189.
1308. 38. humilis Jacq. † (Ins. Hogoleu.) . . . . . - - - 189.

§. 6.

1309. 39. rudis Pfr. (Habitat?) . . . . - - - 190.
1310. 40. Shanghaiensis Pfr. (China.) . . . . - - - 190.
1311. 41. Sandwichiensis Soul. (Coll. 61. — Ins. Sandwich.) . . . . - - - 190.

§. 7.

1312. 42. zebriolata Pfr. (Ins. oceani Austral.) . . . - - - 191.

43. zonata Less. † (Ins. Oualan.) . . . . Pneum. II. p. 191. 1313.
44. villosa Ant. (Ins. Opara.) . . . . - - - 191. 1314.
45. reticulata Pfr. (Coll. 62. — Nov. Hebrid.) . - - - 191. 1315.
(articulata Pfr.)

§. 8.

46. Briarea Poey. (Coll. 63 — *Pfr.* Novit. conch. I. p. 195. Nr. 296. t. 52. f. 1—5. Conf. Malak. Bl. VI. p. 77. — Cuba.) . . . . - - - 180. 1316.

47. H. Emoda Pfr. 1317.

T. conoidea, solidissima, sublaevigata, sub epidermide . . . . fusco-carnea, peripheria pallide fasciata; spira subregulariter conoidea, non fornicata, apice obtusula; anfr. 5 planiusculi, ultimus medio obsoletissime subangulatus, basi convexus, callo crasso exacte circumscripto munitus; columella arcuata, in dentem antrorsum attenuatum desinens; apertura diagonalis, subtriangulari-ovalis; perist. rectum, intus perincrassatum, margine supero vix sinuoso. — Operc.? — Diam. maj. $32^1/_2$, min. 26, alt. 20 mill. (Coll. Nr. 64.)

Helicina „Nr. 519 coll Poey" *Pfr.* in Malak. Bl. VI. 1859. p. 77.
— *Emoda Pfr.* Novit. conch. I. Nr. 360. t. 64. f. 6—8.

Habitat Monte Toro in districto Guantanamensi insulae Cubae.

Obs. Species peraffinis praecedenti, hucusque statu vivo nondum reperta. Differt ab *H. Briarea* spira magis conica, basi convexiore, callo crasso circumscripto, tuberculo columellari transverse elongato, peristomate crasso, margine supero stricto.

48. H. Jeannereti Pfr. 1318.

T. globoso-conoidea, ambitu ovalis, solida, ponderosa, confertim et leviter striata, saturate fusco-viridis; spira parvula, convexo-conoidea, sordide purpurascens; anfr. $4^1/_2$ convexiusculi, ultimus inflatus, spira altior; columella antrorsum arcuata, distincte tuberculato-truncata, albida; apertura obliqua, semiovalis, intus lilaceo-fusca; perist. subrectum, incrassatum, carneum, marginibus callo crasso circulari, basin fere occupante, junctis, dextro medio subdilatato, basali sinu nullo a tuberculo columellari separato. — Operc. solidum, intus subgranulatum. — Diam. maj. 28, min. 23, alt. 18 mill. (Coll. Gundlach.)

Helicina Jeannereti Pfr. in Malak. Bl. IX. 1862. p. 6.

Habitat in insula Cuba. Prope Mayarí legit Jeanneret.

Obs. Species peraffinis sequenti, provinciae occidentalis Cubae incolae. Differt anfractu ultimo inflato, peripheria perfecte rotundata, apertura minus obliqua, subregulariter semiovali, et sinu juxta tuberculum magis evolutum columellae nullo.

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1319· 49. Sagraiana Orb. (Coll. 65. — Cuba.) . . . Pneum. II. p. 181.
1320· 50. Catalinensis Pfr. (Coll. 66. — Cuba.) . . . - - - 182.
1321· 51. Titanica Poey. (Coll. 67. — Malak. Bl. VII. p. 21. — *Pfr.* Novit. conch. I. p. 196. Nr. 297. t. 52. f. 6—10. — Cuba.) . . . . - - - 181.
1322· 52. silacea Mor. (Coll. 68. — Malak. Bl. VII. p. 23. — *Pfr.* Novit. conch. I. p. 197. Nr. 298. t. 52. f. 11—15. — *H. ochracea Poey.* — Cuba.) . . . . - - - 182.
1323· 53. Bayamensis Poey. (Coll. 69. — Malak. Bl. VI. p. 77. — *Pfr.* Novit. conch. I. p. 199. Nr. 300. t. 53. f. 1—5. — Var.: *H. Bastidana Poey, Pfr.* Pneum. II. p. 182. Conf. *Pfr.* in Malak. Bl. IX. p. 7. — Cuba.) . . . . - - - 182.
1324· 54. ciliata Poey. (Coll. 70. — *H. fossulata Poey.* — Cuba.) . . . . - - - 183.
1325· 55. submarginata Gray. (Coll. 71. — Species in insula Cuba late dispersa et pervariabilis. Conf. *Pfr.* in Malak. Bl. VI. p. 77. IX. p. 7.) . . - - - 184.
1326· 56. festiva Sow. (Coll. 72. — Haiti.) . . . . . . - - - 182.
1327. 57. pulcherrima Lea. (Coll. 73. — *Pfr.* in Malak. Bl. VI. p. 77. IX. p. 8. — Varr.: *H. crassa Orb.*, *H. rubrocincta Poey.* — Cuba.) . . - - - 184.

1328. 58. **H. Mayarina Poey.**

T. globulosa, solida, superne fortiter rugosa et foveolata, subtus radiato-striata; spira breviter conoidea, rubra; anfr. 4, superi parum convexi, ultimus rubro-fuscus (rugis flavidis), infra medium cingulo obsoleto pallido et distinctiore rubro ornatus, subtus pallidior; apertura parum obliqua, semiovalis, intus saturate carnea; columella alba, antrorsum leviter arcuata et in tuberculum mediocre desinens; callus basalis hyalinus, medio crassior, albus; perist. album, rectum, vix incrassatum, margine dextro leviter sinuato. — Diam. maj. 18, min. 15, alt. 13 mill. (Coll. Nr. 74.)

Helicina Mayarina Poey, *Pfr.* Mon. Pneum. II. p. 184.
— — *Pfr.* in Malak. Bl. IX. 1862. p. 7.
— — *Pfr.* Novit. conch. I. p. 200. Nr. 301. t. 53. f. 6. 7.

Habitat prope Mayarí insulae Cubae.

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59. sanguinea Pfr. (Honduras.) . . . . Pneum. II. p. 184. 1329.
60. striatula Sow. (Martinique.) . . . . - - - 184. 1330.
61. repanda Pfr. (Habitat?) . . . . - - - 185. 1331.

62. **H. calida Weinland.** 1332.

T. crassa, conica, oblique rugata et liris filiformibus confertis cincta, cretacea; spira convexiusculo-conica, mucronulata; anfr. 6 planiusculi, ultimus convexior, medio obsolete carinatus; columella brevissima, arcuata, callum emittens crassiusculum, igneo-fuscescentem; apertura perobliqua, semiovalis, intus ignea; perist. rectum, crassum, duplicatum, internum breviter porrectum. — Diam. maj. $7^3/_4$, min. $6^2/_3$, alt. 5 mill. (Coll. Nr. 75.)

Helicina calida Weinl. in Malak. Bl. IX. 1862. p. 91.

Habitat „Crooked Island" prope Haiti (Weinland).

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63. occulta Say. (Coll. 76. — *Binn.* Terr. Moll. IV. p. 193. — *Helic. rubella Green?* ex *W. G. Binn.* — Amer. boreal.) . . . . Pneum. II. p. 185. 1333.
64. pisum Phil. (Coll. 77. — Ins. Sandwich.) . . - - - 185. 1334.
65. Orbignyi Pfr. (Cuba?) . . . . - - - 185. 1335.

§. 9.

66. Maugeriae Gray. (Coll. 78. — Habitat?) . . - - - 185. 1336.
67. Rohri Pfr. (Coll. 79. — *H. Marchionissa Jacq.* — Ins. Marques.) . . . . - - - 185. 1337.
68. miniata Less. † (Ins. Borabora.) . . . . . . - - - 185. 1338.
69. pisum Jacq. † (Taheiti.) . . . . - - - 185. 1339.
70. albolabris Jacq. † (Taheiti.) . . . . - - - 185. 1340.
71. crassilabris Phil. (Venezuela?) . . . . . . - - - 186. 1341.
72. solidula Gray. (Coll. 80.) — Ins. Elizabethae.) - - - 186. 1342.
73. lens Lea. † (Ins. Feejee.) . . . . - - - 186. 1343.
74. uberta Gould. (Coll. 81. — *H. constricta Pfr.* — Ins. Sandwich.) . . . . - - - 186. 1344.
75. lenticularis Sow. † (Ins. oceani Pacifici.) . - - - 186. 1345.

§. 10.

76. **H. jucunda Gundlach.** 1346.

T. elevato-conica, solidula, sublaevigata, carneo-lutescens; spira elevata, sursum saturatior, apice acuto sanguinea; anfr. 9 planiusculi, superiores vix conspicue spiraliter striati, ultimus spira multo brevior, rotundatus; columella brevis, arcuata,

cum callo basali circumscripto aurantiaca vel sanguinea; apertura diagonalis, late semiovalis, lateraliter producta, intus lutea vel rubra; perist. simplex, margine dextro expanso, deorsum dilatato, basali arcuatim in columellam abeunte. — Operc. solidum, rubellum. — Diam. maj. 7, min. $6^1/_2$, alt. $9^1/_2$ mill. (Coll. Nr. 182.)

Helicina jucunda Gundl. in litt.

— — *Pfr.* in Malak. Bl. X. 1863. p. 197.

Habitat in parte occidentali insulae Cubae.

§. 11.

1347. 77. Cumingiana Pfr. (Habitat?) . . . . . . Pneum. II. p. 192.

1348. 78. **H. malleata Pfr.**

T. subglobosa, solidula, malleato-rugosa, fusco-olivacea, stramineo minute variegata; spira parvula, convexa, mucronulata; sutura levis; anfr. $5^1/_2$, superi convexiusculi, ultimus inflatus; columella arcuata, plana, basi in nodulum desinens, retrorsum callum emittens crassiusculum, nitidum, coerulescentem; apertura obliqua, semiovalis, fundo purpurascens; perist. album, breviter expansum. — Operc. subgranulatum, chalybeo-margaritaceum. — Diam maj. 16—$16^1/_2$, min. 14, alt. $12^1/_2$ mill. (Coll. Nr. 83.)

Helicina malleata Pfr. in Malak. Bl. V. 1858. p. 144.

— — *Pfr.* Novit. conch. I. p. 201. Nr. 302. t 53. f. 8. 9.

β. ? Major: *Pfr.* Novit. conch. I. t. 53. f. 10. 11.

Habitat in insula Haiti. Prope Pontón legit Hjalmarson.

1349. 79. **H. Faustini Weinland.**

T. depresse subconoideo-globosa, solida, laevigata, pallide flavescens; spira breviter conoideo-elevata, apice submammillari; anfr. $3^1/_2$ planiusculi, rapide accrescentes, ultimus latissimus, subtus inflatus; columella longa, fere verticalis, basi et retrorsum in cristam producta, callum latissimum album et ampliorem pellucidum emittens; apertura obliqua, semiovalis; perist. tenue, breviter expansum, basi in cristam columellae transiens. — Operc. solidum, extus albidum, concavum, intus prope marginem columellarem costatum, margine convexo fulvidum. — Diam. maj $18^1/_2$, min. 15, alt. 15 mill. Ap. 12 mill. alta, medio 7 lata. (Coll. Nr. 84.)

Helicina Faustini Weinl in Malak. Bl. IX 1862. p. 196.

Habitat in insula Haiti.

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80. adspersa Pfr. (Coll. 85. — Cuba.)	Pneum. II. p.	192.	1350.
81. ampliata C. B. Ad. (Jamaica.)	- - -	192.	1351.
82. striata Lam. (Coll. 86. — Portorico.) . . .	- - -	192.	1352.
83. Funcki Pfr. (Nova Granada.)	- - -	192.	1353.
84. neritella Lam. (Coll. 87. — Jamaica.) . .	- - -	192.	1354.

85. H. Mac Murrayi Pfr. 1355.

T. globoso-conoidea, solidula, striatula, nitida, pallide lutescens unicolor vel fasciis 1—2 rubris cincta; spira fornicato-conoidea, vertice obtusulo; anfr. 5 vix convexiusculi, ultimus spiram superans, basi parum convexus, callo subcircumscripto munitus: columella brevissima, basi in nodulum terminata; apertura fere diagonalis, late semiovalis; perist. breviter expansum, margine dextro acuto, intus subincrassato, basali crassiore, subreflexo. — Diam. maj $12\frac{1}{2}$—14, min. 11—12, alt. 8—9 mill. (Coll. Nr. 88.)

Helicina Mac Murrayi Pfr. in Malak. Bl. IX. 1862. p. 155.

— — — *Pfr.* Novit conch. Nr. 363. t. 64. f. 15. 16.

Habitat in insula Jamaica? (Mac Murray), Trinidad? (Bland.)

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86. Cordillerae Sallé. (Coll. 89. — Mexico.) . Pneum. II. p. 193. 1356.

87. H. Neebiana Pfr. 1357.

T. conoideo-globosa, tenuiuscula, striatula, nitida, fusculo-aurantiaca; spira brevis, submucronata, rubella; anfr. 5 planiusculi, ultimus magnus, subinflatus; columella breviter recedens, compressa, alba, callum tenuem album emittens, basi non denticulata; apertura parum obliqua, semiovalis; perist. tenue, vix expansiusculum, margine basali leviter arcuato, cum columella angulum acutiusculum formante. — Diam. maj. $11\frac{1}{2}$, min. $9\frac{1}{2}$, alt. $7\frac{1}{2}$ mill. (Coll. Nr. 90.)

Helicina Neebiana Pfr. in Malak. Bl. IX. 1862. p. 8.

Habitat in parte orientali insulae Cubae: Cayo del Rey (Wright), Mayarí (Jeanneret).

Obs. Species primo aspectu similis *H. retractae Poey* et *rotundae Orb.*, regionis occidentalis incolis, sed praeter staturam anfractu ultimo multo majore et deficiente denticulo columellari discrepat.

1358. 88. **H. Iris Weinland.**

T. depresse conoideo-globosa, solidiuscula, levissime striatula, nitida, pallide flavescens; spira minuta, vix elevata, vertice submammillari; anfr. vix ultra 3, summi purpureo amoene fasciati, ultimus permagnus, inflatus; columella subverticalis, in tuberculum ultra basin productum terminata, callum semicircularem album emittens; apertura parum obliqua, semiovalis; perist. brevissime expansum. — Operc. solidum, extus coerulescenti-margaritaceum, concaviusculum. — Diam. maj. 11, min. 9, alt. $5^1/_2$ mill. Ap. 7 mill. alta, medio $4^1/_3$ lata. (Coll. Nr. 91.)

Helicina Iris Weinl. in Malak. Bl. IX. 1862. p. 196.

Habitat in insula Haiti.

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1359.	89. retracta Poey. (Coll. 92. — Cuba.) . . .	Pneum. II. p. 194.
1360.	90. delicatula Shuttl. † (Mexico.)	- - - 193.
1361.	91. Jamaicensis Sow. (Coll. 93. — Jamaica.) .	- - - 193.
1362.	92. aurantia Gray. (Coll. 94. — Jamaica.) . .	- - - 193.
1363.	93. intusplicata Pfr. (Habitat?)	- - - 193.
1364.	94. bulla Pfr. (Habitat?)	- - - 194.
1365.	95. pellucida Sow. (Guyana gall.)	- - - 195.

1366. 96. **H. electrina Pfr.**

T. conico-globosa, tenuis, laevigata, oleoso-micans, pellucida, corneo-lutescens; spira conoidea, acutiuscula; anfr. 5 convexiusculi, ultimus rotundatus, spira paulo altior; columella brevissima, callum emittens tenuem; apertura parum obliqua, semicircularis, ad columellam angulata et plica levi munita; perist. tenue, breviter expansum. — Operc. ? — Diam. maj. 8, min. 7, alt. 6 mill. (Mus. Cuming.)

Helicina electrina Pfr. in Proc. Zool. Soc. 1859. p. 28.

Habitat in insulis Aroo dictis.

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1367.	97. sphaeroidea Pfr. (Ins. oceani Austral.) . .	Pneum. II. p. 194.
1368.	98. concinna Gundl. (Coll. 95. — Cuba.) . . .	- - - 194.
1369.	99. globulosa Orb. (Coll. 96. — Cuba.) . . .	- - - 200.
1370.	100. oleosa Pfr. (Coll. 97. — Varietatem paulo majorem prope Jérémie legit Weinland. — Haiti.)	- - - 195.
1371.	101. parva Sow. (Ins. Philippin.)	- - - 195.

102. H. transparens Weinland. 1372.

T. conoideo-globosa, tenuis, striatula, pellucida, oleoso-micans, griseo-cornea; spira conoidea, vertice minuto; anfr. 4 convexiusculi, ultimus magnus, rotundatus, antice rubescens; apertura parum obliqua, late semiovalis; columella compressa, alba, callum emittens semicircularem; perist. subito sed brevissime expansum, margine basali cum columella angulum sinuosum formante. — Operc.? — Diam. maj. $5^{1}/_{3}$, min. $4^{2}/_{3}$, alt. 4 mill. (Coll. Nr. 98.)

Helicina transparens Weinl. in Malak. Bl. IX. 1862. p. 197.

Habitat in insula Haiti. Prope Jérémie raram legit Weinland.

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103. flammea Quoy. † (Ins. Tonga.) . . . . . Pneum. II. p. 195. 1373.
104. musiva Gould. † (Ins. Manua et Upolu.) . . - - - 195. 1374.
105. fragilis Mor. † Guatemala.) . . . . - - - 195. 1375.

106. H. pudica Drouet. † 1376.

„Testa minima, globoso-turbinata, laeviuscula, vix subnitida, subpellucida, fragilis, corneo-rufescens vel fulva; anfr. 5; spira conico-subacutiuscula; apertura semilunaris; peristoma reflexiusculum. Operculum tenue, pallide corneum, concavum. — Diam. maj. 4, alt. $3^{1}/_{2}$; alt. apert. 2, diam. $1^{1}/_{2}$ mill.“ (Dr.)

Helicina pudica Drouet Moll. terr. Guyane franç. p. 90. t. 3. f. 35. 36.

Habitat in insula Martinique.

107. H. japonica A. Adams. † 1377.

„H. testa depresso-conica, crassa, solida, fusco-lutescente, oblique crebre striata; anfractibus $3^{1}/_{2}$, convexiusculis; apice obtuso; anfractu ultimo ad peripheriam rotundato; basi convexa, callo tenui nitido obtecta; apertura semiovata, perobliqua; columella brevi, crassa, rotundata; peristomate duplicato, interiore tenui, recto, exteriore crasso, rotundato, reflexo. Operculum semiovatum, tenue, calcareum.“ (A. Ad.) Dimensiones desiderantur.

Helicina Japonica A. Adams in Ann. and Mag. nat. hist. 3d. ser. VIII. Aug. 1861. p. 141.

Habitat Tabu-Sima Japoniae.

§. 12.

1378. 108. globosa Gray. (Coll. 99. — Haiti) . . . Pneum. II. p. 195.
1379. 109. egregia Pfr. (Ins. Salomon.) . . . . - - - 195.
1380. 110. Tamsiana Pfr. Coll. 100. — Venezuela. . . - - - 195.

1381. 111. **H. exserta Gundlach.**

T. conoideo-globosa, solida, sub lente fortiore spiraliter striata, alba vel carnea, plerumque fascia angusta pellucida ad suturam ascendente notata; spira convexo-conoidea, mucronata; anfr. $5^1/_2$ planiusculi, ultimus spira altior, peripheria rotundatus, antice descendens et subconstrictus; columella brevis, callum emittens latiusculum, albidum, terminata in dentem acutum retrospectantem; apertura obliqua, late semiovalis; perist. brevissime expansum, margine basali sinu mediocri, distincto a columella separato. — Operc. corneum. — Diam. maj. 8, min. $7^1/_4$, alt. $5^2/_3$ mill. (Coll. Nr. 101.)

Helicina exserta Gundl. in litt.

— — *Pfr.* in Malak. Bl. V. 1858. p. 194.

Habitat prope Santiago de Cuba.

Obs. Persimilis *H. concinnae Gundl.*, a qua praeter staturam striis spiralibus praecipue discrepat.

1382. 112. **H. raresulcata Pfr.**

T. globoso-conica, solidula, confertissime striatula sulcisque impressis distantibus superne sculpta, parum nitens, carneo-vel lutescenti-albida; spira exacte conica, vertice acuto; anfr. 6 planiusculi, ultimus spira brevior, peripheria obsolete subangulatus; columella brevis, basi extrorsum denticulata; callus columellaris tenuis; apertura obliqua, fere semicircularis; perist. acutum, breviter expansum. — Diam. maj. $6^3/_4$, min. 6, alt. $5^1/_2$ mill. (Coll. Nr. 102.)

Helicina raresulcata Pfr. in Malak. Bl. VIII. 1861. p. 173.

Habitat prope Veracruz reipublicae mexicanae (Berendt).

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1383. 113. sordida King. † (Brasilia.) . . . . . . Pneum. II. p. 195.
1384. 114. arenicola Mor. (Coll. 103. — Yucatan.). . - - - 196.

1385. 115. **H. Yorkensis Pfr.**

T. globoso-conica, solidula, subconferte spiraliter striata,

carnea, fascia suturali flava et latiore fusco-violacea ornata; spira regulariter conoidea, vertice acutiusculo; anfr. fere 5 planulati, ultimus spiram paulo superans, peripheria rotundatus, subtus medio callo albo, granulato, circumscripto munitus; columella callosa, arcuata; apertura parum obliqua, subsemicircularis; perist. breviter expansum, margine basali arcuatim cum columella juncto. — Operc. albidum. — Diam. maj. $5\frac{2}{3}$, min 5, alt. $4\frac{1}{3}$ mill. (Mus. Cuming.)

Helicina Yorkensis Pfr. in Proc. Zool. Soc. 1862. p. 277.

Habitat „Cape York" orae Australiae (Macgillivray).

§. 13.

116.	columellaris Gundl. (Coll. 104. — Cuba.)	Pneum. II. p. 196.	1386.
117.	Blandiana Gundl. (Coll. 105. — Cuba.). .	- - - 196.	1387.
118.	jugulata Poey (Coll. 106. — *Pfr.* Novit. conch. I. p. 203. Nr. 304. t. 53. f. 16. 17. Var. f. 18. 19. — Cuba.)	- - - 196.	1388.
119.	acuminata Vel. (Coll. 107. — Cuba.) . .	- - - 197.	1389.
120.	elongata Orb. (Coll. 108. — Cuba.) . . .	- - - 200.	1390.
121.	chrysocheila Binn. † (*Binn.* Terr. Moll. IV. p. 592. — St. Uniti Americae?)	- - - 197.	1391.

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122.	turbinata Wiegm. (Coll. 109. — Mexico.) .	- - - 197.	1392.

123. **H. Deppeana Martens.** 1393.

„T conica, solidula, subtiliter striatula, lineis spiralibus prorsus obsoletis, opaca, carneo-flava, concolor, apice flavida; spira conoidea, acutiuscula; anfr. $5\frac{1}{2}$, planiusculi, ultimus rotundatus, antice distincte descendens; apertura diagonalis, semielliptica, columella arcuata, brevissima, integra, tuberculo basali distincto, callo parvo albo; perist. incrassatum, obtusum, vix expansum, album, margine superiore stricto, simplice. — Diam. maj. $14\frac{1}{2}$, min. 12, alt. 11 mill. Apert. altit. 7, lat. 8 mill." (v. M.)

Helicina Deppeana Mart. in Monatsber. Ak. Wiss. Berl. Nov. 1863. p. 540; Malak. Bl. 1865. p. 6.

— *turbinata var.? Pfr.* in *Chemn.* ed. nov. p. 40. t. 8. f. 1. 2.

Habitat in republica mexicana (Deppe).

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124.	Sandozi Shuttl. † (Mexico.)	Pneum. II. p. 197.	1394.
125.	zephyrina Ducl. (Coll. 110. — Mexico.) .	- - - 198.	1395.

1396. 126. **H. Berendti Pfr.**

T. globoso-turbinata, solida, striatula, striis spiralibus confertissimis decussatula, parum nitens, albida; spira conica, vertice acutiusculo; anfr. 6 convexiusculi, ultimus spiram subaequans, medio subangulatus, supra angulum excavatus; columella brevis, arcuata, rimata, callum emittens tenuem, circumscriptum; apertura fere diagonalis, subsemicircularis; perist. expansum, margine supero subflexuoso, basali reflexo. — Diam. maj. 13, min. 11, alt. 10 mill. (Coll. Nr. 111.)

Helicina Berendti Pfr. in Malak. Bl. VIII. 1861. p. 173. t. 3. f. 14. 15.

Habitat prope Veracruz reipublicae mexicanae.

Obs. Species inter *H. turbinatam* et *zephyrinam* quasi intermedia, anfractu ultimo subangulato, supra medium subexcavato facile recognoscenda.

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1397. 127. Chiapensis Pfr. (Coll. 112. — Mexico.) . . Pneum. II. p. 198.
1398. 128. Sprucei Pfr. (Peru.) . . . . - - - 198.

1399. 129. **H. spectabilis Gundlach.**

T. conico-globosa, tenuiuscula, laevigata, nitida, lutea, fascia peripherica saturatiore vel sanguinea picta, aut rosea, sanguineo-fasciata; spira convexo-conica, vertice acuto, atrosanguineo; anfr. 5 convexiusculi, ultimus rotundatus, spiram vix aequans; columella brevis, recedens, basi subdentata, callum emittens circumscriptum; apertura obliqua, late semiovalis; perist. tenue, expansum, margine basali cum columella angulum subrectum formante. — Operc. pellucidum, purpurascens, latere columellari pallidum. — Diam. maj. 8, min. 7, alt. 6 mill. (Coll. Nr. 113.)

Helicina spectabilis Gundl. mss., *Poey* Memor. II. p. 5. nr. 196.
— — *Pfr.* in Malak Bl. V. 1858. p. 48.

β. Flava, anfractibus summis fascia nigra notatis.

Habitat in insula Cuba: Buenavista prope Bayamo (Gundlach), var. *β* ad montem Turquino.

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1400. 130. tenuis Pfr. (Yucatan.) . . . . Pneum. II. p. 199.
1401. 131. vernalis Mor. (Coll. 114. — Guatemala.) . - - - 199.
1402. 132. Oweniana Pfr. (Coll. 115. — Mexico.) . . - - - 199.
1403. 133. phasianella Sow. (Coll. 116. — Portorico.) - - - 199.

134. **H. bellula Gundlach.** 1404.

T. globoso-conica, tenuiuscula, laevigata, nitida, citrina; spira convexo-conica, infra apicem acutiusculum plerumque rubra; anfr. $4^1/_2$ convexiusculi, ultimus rotundatus, basi planiusculus, callo nitidissimo diffuso munitus; apertura obliqua, subtriangularis; columella in denticulum vix prominentem terminata; perist. tenue, margine dextro superne angustissimo, tum dilatato, linguaeformi-expanso. Operc. tenue, luteum. — Diam. maj. 8, min. $6^3/_4$, alt. $6^1/_2$ mill. (Coll. Nr. 117.)

Helicina bellula Gundl. in litt.

— — *Pfr.* in Malak. Bl. VI. 1859. p. 79. VII. 1860. p. 25.

β. Suturalis: testa linea rubra ad suturam ornata.

γ. Peripherica: fascia rubra supra medium anfr. ultimi picta.

δ. Yunquensis: fascia fusca anfractuum summorum ornata.

ε. Dimidio minor, multicolor.

Habitat in insula Cuba Forma typica et varietates *β.* *γ.* *ε.* prope Yateras, var. *δ.* ad montem Yunque prope Baracoa (Gundlach).

Obs. Species forma *H. Reeveanae* persimilis, sculptura et peristomate facile distinguenda.

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135. rotunda Orb. (Coll. 118. — Cuba.) . . . Pneum. II. p. 199. 1405.
136. platychila Mühlf. (Coll. 119. — Guadeloupe.) - - - 199. 1406.
137. tropica Jan. (Coll. 120. — *Binn.* Terr. Moll. IV. p. 194. t. 73. f. med. inf. — Texas.) . . - - - 199. 1407.
138. orbiculata Say. (Coll 121. — *Binn.* Terr. Moll. IV. p. 193. — Jun.: *H. vestita Guild.* [conf. Nr. 14.] et *castanea Sow.?* [a me ad *H. subfuscam Menke* relata] ex *W. G. Binney.* — Florida, Alabama, Georgia.) . . . . . - - - 199. 1408.
139. elata Shuttl. † (Mexico.) . . . . - - - 201. 1409.
140. pygmaea Pot. & Mich. (Coll. 122. ? Conf. Malak. Bl. V. 1858. p. 145. — Haiti.) . . . - - - 201. 1410.
141. trochulina Orb. (Coll. 123. — Portorico.) - - - 201. 1411.

§. 14.

142. Reeveana Pfr. (Coll. 124. — Malak. Bl. VI. 1859. p. 78. — Cuba.) . . . . - - - 201. 1412.

Obs. Species coloribus pervariabilis! Praeter typum descriptum varietates possideo superne illi similes, basi autem fascia continua rufa ornatas, alias in fundo unicolore fasciis 2 rufis pictas, aliasque subuniformiter flavas vel rubicundas. — Omnes a simili *H. bellula* peristomate jam ab insertione expanso distinguantur.

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143. riparia Pfr. (Nova Granada.) . . . . Pneum. II. p. 201. 1413.
144. merdigera Sallé. (Mexico.) . . . . - - - 202. 1414.

1415. 145. **H. Paraënsis Pfr.**

T. globoso-conica, tenuis, sub lente plicatulo-striata, diaphana, albido-lutescens; spira conoidea, obtusula; anfr. 5 vix convexiusculi, ultimus convexior, spiram subaequans; columella brevissima, callum emittens tenuem, diffusum; apertura obliqua, integra, semiovalis; perist. tenue, breviter expansum, margine basali prope columellam leviter sinuato. — Operc. tenue, albidum — Diam. maj. $5^1/_3$, min. 5, alt. $4^1/_3$ mill. (Mus. Cuming.)

Helicina Paraënsis Pfr. in Proc. Zool. Soc. 1859. p. 28.

Habitat prope Para Brasiliae.

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1416. 146 Antoni Pfr. (Coll. 125. — Honduras.) . . Pneum. II. p 202.

§. 15.

1417. 147. sinuosa Pfr. (Mexico?) . . . . - - - 202.
1418. 148. Heloisae Sallé. (Coll. 126. — Mexico.) . . - - - 202.
1419. 149. notata Sallé. (Coll. 127. — Mexico) . . . - - - 203.
1420. 150. haemastoma Moric. (Coll. 128. — Brasilia.) - - - 203.
1421. 151. chrysocheila Shuttl. † (Mexico.) . . . . - - - 203.
1422. 152. Hanleyana Pfr. (*Binn.* Terr. Moll. IV. p. 192. t. 75. f. 14. 16. ex Chemn. — New-Orleans?) - - - 203.
1423. 153 flavida Menke. (Coll. 129. — Mexico, Guatemala.) . . . . - - - 203.

1424. 154. **H. Strebeli Pfr.**

T. globoso-conica, tenuiuscula, minutissime spiraliter striata, lutescens, rubro-unifasciata vel unicolor rubella; spira elata, convexiusculo-conica, vertice acuto; anfr. $5^1/_2$ convexiusculi, ultimus rotundatus, spira brevior; columella subrecedens, callum emittens tenuem; apertura obliqua, subsemicircularis; perist. album, breviter expansum. — Diam. maj. 5, min. $4^3/_4$, alt. $4^1/_2$ mill. (Coll. Nr. 130.)

Helicina Strebeli Pfr. in Malak. Bl. VIII. 1861. p. 173.

Habitat in republica mexicana. Ad terram prope Mirador legerunt *Berendt* et *Strebel.*

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1425. 155. brevilabris Pfr. (Coll. 131. — Mexico.) . . Pneum. II. p. 204

§. 16.

1426. 156. maxima Sow. (Jamaica.) . . . . - - - 204.

157. nobilis C. B. Ad. † (Jamaica.) . . . . . Pneum. II. p. 204. 1427.
158. citrina Grat. (Coll. 132. — *H. polita Sow.* 1428.
— Ins. Philippin) . . . . - - - 204.

159. H. Crossei Semper. 1429.

T. subconoideo-depressa, tenuiuscula, conferte striatula, nitida, aurantia; spira conoideo-subelevata, vertice subpapillari; anfr. $4^1/_2$ planiusculi, modice accrescentes, ultimus peripheria obsoletissime subangulosus, basi convexus, callo circumscripto nitido munitus; apertura parum obliqua, subsemicircularis; columella brevis, callosa, subtruncata; perist. igneum, breviter expansum, margine basali cum columella angulum formante. — Operc. albido-margaritaceum. — Diam. maj. $11^1/_2$, min. $9^1/_2$, alt. 7 mill. (Coll. Nr. 133.)

Helicina Crossei Semper mss. (teste *Dohrn.*)

Habitat in insula Luzon (Semper).

Obs. Peraffinis *H. citrinae Grat.*, a qua praeter colorem (variabilem?) praecipue differt forma aperturae, in illa subtriangulari-semiovalis, ad dextram subeffusae.

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160. sylvatica Orb. (Bolivia.) . . . . Pneum. II. p. 204. 1430.
161. fasciata Lam. (Coll. 134. — Martinique, Guadeloupe.) . . . . - - - 204. 1431.
162. versicolor Pfr. (Coll. 135. — Haiti.) . . . - - - 204. 1432.
163. Dysoni Pfr. (Coll. 136. — Honduras. — Ins. Trinidad: *Bland*) . . . . - - - 204. 1433.
164. foveata Pfr. (Coll. 137. — Ins. St. Thomas.) - - - 204. 1434.
165. sublaevigata Pfr. (Coll. 138. — Nov. Hebrid.) - - - 205. 1435.
166. diaphana Pfr. (Honduras.) . . . . - - - 206. 1436.

167. H. granulum Gundlach. 1437.

T. minuta, depressa, tenuiuscula, laevigata, translucida, succinea; spira parum conoideo-elevata; anfr. fere 4 convexiusculi, ultimus depresso-rotundatus, subtus medio subexcavatus, levissime callosus; columella brevissima, verticalis; apertura obliqua, late semiovalis; perist. breviter expansum, margine basali arcuatim in columellam transeunte. — Operc.? — Diam. maj. $2^2/_3$, alt. vix 1 mill. (Coll. Gundlach.)

Helicina granulum Gundlach in litt. 1864.

— — *Pfr.* in Malak. Bl. XI. 1864. p. 161.

Habitat Monte Toro in districto Guantanamensi insulae Cubae.

§. 17.

1438. 168. Antillarum Sow. (Coll. 139. — Ins. Antill.) Pneum. II. p. 205.
1439. 169. rufa Pfr. (Coll. 140. — Haiti.) . . . . . . - - - 205.
1440. 170. oresigena Orb. † (Bolivia.) . . . . - - - 205.

§. 18.

1441. 171. similis Sow. † (Guadeloupe.) . . . . . . - - - 205.
1442. 172. fulva Orb. (Coll. 141. — Bolivia.) . . . . - - - 205.
1443. 173. Brasiliensis Gray. (Coll. 142. — Brasilia.) - - - 205.
1444. 174. Macgillivrayi Pfr. (Coll. 143. — Ins. oceani Austral.) . . . . - - - 206.
1445. 175. Küsteriana Pfr. (Tahiti.) . . . . - - - 206.
1446. 176. Louisiadensis Forb. (Archip. Louisiad.) . - - - 206.
1447. 177. granum Pfr. (Coll. 144. — Cuba.) . . . . - - - 206.

§. 19.

1448. 178. **H. remota Poey.**

T. trochiformis, solida, oblique irregulariter striata et liris spiralibus minutis sub lente sculpta, carneo-albida, sordide incrustata; spira convexiusculo-conica, vertice mucronato; anfr. $6\frac{1}{2}$ vix convexiusculi, ultimus subcarinatus, basi paulo convexior; columella subarcuata, triangularis, callum emittens nitidum, tenuem; apertura obliqua, late semiovalis, intus lutea, nitida; perist. simplex, acutum, expansiusculum, margine dextro regulariter arcuato, basali cum columella angulum fere rectum formante. — Operc. solidum, margaritaceo-album, margine columellari perincrassato. — Diam. maj. 17, min. 15, alt. 13 mill. (Coll. Nr. 145.)

Helicina remota Poey Memor. II. p. 27. t. 8. f. 26.
— — *Pfr* in Malak. Bl. X. 1863. p. 198.

Habitat in parte occidentali insulae Cubae: Guane (*Poey*), Vignales (*Wright*).

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1449. 179. Sowerbyana Pfr. (Guatemala.) . . . . . Pneum. II. p. 206.

1450. 180. **H. Wrighti Pfr.**

T. conica, solidula, nitidula; spira subregulariter conica, in mucronem acutum desinens; anfr. 8, superiores lutei, spiraliter tenuistriati, ultimus spira minor, sublaevigatus (striis spiralibus sensim evanescentibus), carneo-albidus, infra medium sub-

angulatus, basi planiusculus; columella brevis, subverticalis, compressa, callum emittens sanguineum, diffusum; apertura perobliqua, ovali-subtriangularis, intus rubella; perist. simplex, breviter expansum, margine basali cum columella angulum subrotundatum formante. — Operc. solidum, subgranulatum, margaritaceo-album. — Diam. maj. 10, min. $8^1/_2$, alt. 10 mill. (Coll. Nr. 146.)

Helicina Wrighti Pfr. in Malak. Bl. X. 1863. p. 195.

Habitat in parte occidentali insulae Cubae: Vignales (*Wright*).

181. **H. Nodae Arango.** 1451.

T. campanulato-conica, solidula; spira mucronulo albo desinens; anfr. 7, superiores subangulati, sequentes planiusculi, obsolete spiraliter striati, lutescentes, ultimus sublaevigatus, infra medium subangulatus, basi convexiusculus; columella brevis, subarcuata, callum rufulum exiguum emittens; apertura perobliqua, subtriangulari-ovalis, intus citrina; perist. subincrassatum, breviter expansum, laete rufum. — Operc. solidum, album. — Diam. maj. $7^2/_3$, min $6^1/_2$, alt. 7 mill. (Coll. Nr. 147.)

Helicina Nodae Arango in Journ. Conch. X. 1862. p. 409.

— — *Pfr.* in Malak. Bl. X. 1863. p. 196.

β. Basi corneo-rubella.

Habitat in parte occidentali insulae Cubae: Guane (*Arango*), Vignales (*Wright*), ad montem Guajaibon et „Sierra de Guïra" (*Gundlach*).

182. **H. reticulata Pfr.** 1452.

T. trochiformis, solidula, liris confertis spiralibus striisque incrementi distinctis reticulata, carnea, maculis fulvo-roseis irregulariter picta; spira regulariter conoidea, vertice submammillari; anfr. $4^1/_2$ planiusculi, ultimus peripheria subangulatus, basi callo parvulo, granulato, linea impressa circumscripto munitus; columella brevis, simplex; apertura parum obliqua, subtriangularis; perist. breviter expansum, margine basali cum columella angulum formante. — Operc. castaneum, nucleo pallido. — Diam. maj. $6^2/_3$, min. 6, alt. $4^2/_3$ mill. (Coll. Nr. 148.)

Helicina reticulata Pfr. in Proc. Zool. Soc. 1862. p. 277.

Habitat „Cape Flattery" orae Australicae (Mac gillivray).

1453. 183. **H. Gouldiana Forbes.**

T. conoidea, tenuiuscula, striatula et confertim spiraliter sulcata, flava s. rufa (Forb.), fulva vel fusco-violacea; spira breviter conoidea, vertice acutiusculo; anfr. $4^1/_2$ planulati, ultimus peripheria subangulatus, subtus medio callo parvulo munitus; columella brevis, simplex; apertura obliqua, triangulari-semiovalis; perist. breviter expansum, margine supero subflexuoso, basali cum columella angulum formante. — Operc. tenue, fulvum. — Diam. maj. 6, min. $5^1/_4$, alt. $4^1/_4$ mill. (Coll. Nr. 149.)

Helicina Gouldiana Forb in Voy. Rattlesnake. App. p 382. t. 3. f. 3.
— — *Pfr.* Mon. Pneum. p. 388. Suppl. p. 207.

Habitat „Two Isles“ et „Cape Flattery“ orae Australicae (Macgillivray).

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1454.	184. Draytonensis Pfr. (Australia.)	Pneum.	II.	p.	207.
1455.	185. subdepressa Poey. (Coll. 150. — Cuba.) .	-	-	-	207.
1456.	186. Columbiana Phil. (Coll. 151. — Columbia.)	-	-	-	207.
1457.	187. gonochila Pfr. (Coll. 152. — Venezuela.) .	-	-	-	208.
1458.	188. gratiosa Pfr. (Ins. Admiralitatis.)	-	-	-	208.
1459.	189. scopulorum Mor. (Coll. 153. — Cuba.) . .	-	-	-	208.
1460.	190. pyramidalis Sow. (Coll. 154. — *H. conica Orb.* — Cuba.)	-	-	-	208.

1461. 191. **H. sculpta Martens.** †

„Testa depresse trochiformis, oblique striata et liris elevatis spiralibus 3—4 supra carinam sitis sculpta; spira obtusa; anfr. $4^1/_2$, ultimus obtuse carinatus, basi liris subtilioribus notatus, ad aperturam non descendens; apertura perobliqua, triangularis; peristoma incrassatum, margine supero recto, infero leviter expanso; columella recte descendens. — Diam. maj. 8, min. 6, alt. $5^1/_2$, apert. long. et lat. $3^1/_2$ millim.“ (v. M.)

Helicina sculpta Martens in Monatsber. Berl. Ak 25. Febr. 1864.

Habitat in insula Timor.

1462. 192. **H. verecunda Gould.** †

„T. pyramidato-lenticularis, spiraliter minutissime striata, luteo-virens ad apicem rubescens, ad peripheriam subangulata, subtus convexa, admodum callosa; anfr. 4 planulatis. Apertura ovato-triangularis; peristomate evaso, albido, ad colu-

mellam rectam angulariter juncto. — Axis $^1/_5$, diam. $^1/_4$ poll." (G.)

Helicina verecunda Gould in Proc. Bost. Soc. VI. Febr. 1859. p. 426: Otia conch. p. 105.

Habitat Loo Choo.

Obs. „Pertinet ad sectionem, cujus typus est *H. striatula*."

§. 20.

193. goniostoma Sow. † (Habitat?)	Pneum. II. p. 209.	1463.
194. rotella Sow. (Nov. Hebrid.)	- - - 209.	1464.

195. H. Behniana Pfr. 1465.

T. conoideo-depressa, tenuiuscula, sub lente leviter striatula, oleoso-micans, flavida; spira regulariter conoidea, acutiuscula; anfr. $4^1/_2$ vix convexiusculi, ultimus peripheria subangulatus; apertura obliqua, integra, triangulari-semiovalis; columella brevissima, subincrassata, callum emittens tenuem, diffusum; perist. sublate expansum, margine columellari leviter arcuato. — Operc. solidulum, concolor. — Diam. maj. $7^1/_3$, min. $5^2/_3$, alt. $4^1/_2$ mill. (Coll. Nr. 155.)

Helicina Behniana Pfr. in Proc. Zool. Soc. 1859. p. 29.

Habitat in insulis Nicobaricis.

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196. Lindeni Pfr. (Mexico.)	Pneum. II. p. 209.	1466.
197. Salleana Pfr (Haiti.)	- - - 209.	1467.
198. subglobulosa Poey. (Coll. 156. — Cuba. — *Binn.* Terr Moll. IV. p. 195. t. 75. f. 17: Florida.)	- - - 209.	1468.
199. Lembeyana Poey. (Coll. 157. — Cuba.) .	- - - 210.	1469
200. chrysochasma Poey (Coll. 158. — Cuba.)	- - - 210.	1470.

201. H. rubella Wright. 1471.

T. conica, laevigata (saepe incrustata), fusculo- vel flavidorubella; spira regulariter conica, apice acuta; anfr. $7^1/_2$ plani, ultimus convexiusculus, infra medium obtuse angulatus; columella breviter recedens, callum emittens tenuem, vitreum; apertura perobliqua, semiovalis, ad dextram vix angulata; perist. expansum, medio dilatatum, margine basali arcuato, versus insertionem dilatato. — Diam maj. $5^2/_3$, min. vix 5, alt. 6 mill. (Coll. Nr. 159.)

Helicina rubella *Wright* mss. teste Gundl.
— — *Pfr.* in Malak. Bl. XI. 1864. p. 107.

Habitat „Cayos de San Felipe“ insulae Cubae (*Wright*).

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1472. 202. maculata Sow. † (America meridionalis.) . Pneum. II. p. 211.
1473. 203. conoidea Pfr (Ins. Barbadoes.) . . . . . - - - 211.

1474. 204. **H. Borneensis Martens.** †

„Testa globoso-conoidea, obtuse angulata, nitida, carnea vel pallide flava, fascia suturali et altera peripherica albis; spira obtusa; anfr. 4, ultimus basi tumidus, ad aperturam non descendens; apertura diagonalis, semicircularis; peristoma leviter incrassatum, levissime expansum, albidum; columella subarcuata. — Diam. maj. 4½, min, 4, alt. 3, apert. long. 1½, lat. sive altitudo 2 millim.“ (v. M.)

Helicina Borneensis Martens in Monatsber. Berl. Akad. 25. Febr. 1864.

Habitat prope Singkawang in parte occidentali insulae Borneo.

1475. 205. **H. Chryseis Tristram.** †

„T. acuto-conica, solidula, striatula et subgranulata, aurantiaca, parum nitida; spira acuto-conoidea; sutura profunda; anfr. 6, planiusculi, ultimus spira brevior, peripheria subcarinatus, basi circa callum flavo-aurantiacum straminea; apertura angulato-rotundata; columella arcuata; perist. expansum, reflexiusculum, albo-limbatum. — Diam. 3, alt. 4 mill.“ (Tr.)

Helicina Chryseis Tristr. in Proc. Zool. Soc. 1861. p. 233.

Habitat Vera Paz Guatemalae.

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1476. 206. multicolor Gould. (Taheiti.) . . . . . Pneum. II. p. 211.

1177. 207. **H. fuscula Gundlach.**

T. conica, tenuiuscula, levissime striatula, oleoso-micans, fuscula; spira regulariter conica, vertice acuto; anfr. 6 planiusculi, ultimus subcarinatus, basi parum convexus, callo columellari parvulo munitus; columella brevissime recedens, subtriangularis (superne latior); apertura obliqua, subtriangularis;

perist. simplex, expansiusculum. — Operc. concolor. — Diam. maj. $3^2/_3$, alt. 3 mill. (Coll. Nr. 160.)

Helicina fuscula Gundl. mss.

— — *Pfr.* in Malak. Bl. X. 1863. p. 197. XI. 1864. p. 107.

Habitat in parte occidentali insulae Cubae. Ad montem Guajaibon legit *Gundlach*, varietatem fere duplo majorem *Wright* in loco „Guïra de Luis Lazo."

§. 21.

208. occidentalis Guild. (Ins. St. Vincent.) . .	Pneum. II. p. 211.	1478.
209. Heatei Pfr. (Ins. Granada.)	- - - 212.	1479.
210. amoena Pfr. (Coll. 161. — Honduras.) . .	- - - 212.	1480.
211. Guadaloupensis Sow. (Coll. 162. — Ins. Guadeloupe.)	- - - 212.	1481.
212. lutea Less. † (Nova Guinea.)	- - - 212.	1482.

213. H. Poeyi Pfr. 1483.

T. conoideo-depressa, solidula, rugulis obliquis, sulculis spiralibus et striis antrorsum descendentibus minute sculpta, nitidula, carneo-albida, punctis et maculis fusco-purpureis, fasciatim positis ornata; spira conoideo-convexa, submucronata; anfr. 5—$5^1/_2$ convexiusculi, ultimus subcarinatus, basi distinctius spiraliter striatus, callo tenuiusculo, subcircumscripto munitus; apertura subtriangulari-semiovalis, intus castanea; columella brevis, in nodulum vix prominulum desinens; perist. callosum, album, late expansum. — Operc. tenuiusculum, castaneum, margine columellari incrassatum, pallidum. — Diam. maj. 10, min. $8^1/_2$, alt. 6 mill. (Coll. Nr. 163.)

Helicina Poeyi Pfr. in Malak. Bl. VI. 1859. p. 78.

— — *Pfr.* Novit. conch I. p. 199. Nr. 299. t. 52. f. 16. 17.

Habitat Yateras in parte occidentali insulae Cubae (*Gundlach*).

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214. substriata Gray. (Coll. 164? — St. Kitts teste *Hartvig.*)	Pneum. II. p. 212.	1484.
215. convexa Pfr. (Coll. 165. — Bermuda.) . .	- - - 212.	1485.

216. H. Scrupulum Benson. † 1486.

„H. testa parva, sublenticulari, crassiuscula, sublaevigata, vix nitidula, minutissime oblique striatula, superne fuscescente,

anfractu ultimo albido-cornea, supra peripheriam fasciis 2 rufescentibus inferiore latiore ornata; spira depresso-conoidea, apice obtuso, sutura lineari; anfractibus $4^1/_2$, superioribus vix convexiusculis, ultimo obtuse angulato; apertura obliqua, subtriangulari-lunata; peristomate expanso, reflexiusculo, marginibus callo magno incrassato subcirculari retrorsum expanso polito junctis. — Operculo tenui, albido. — Diam. 5, alt. 3 mill.“ (B.)

Helicina Scrupulum Bens in Ann. and Mag. nat. hist. Dec. 1863.

Habitat in insulis Andamanicis (*W. Theobald).*

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1487. 217. minuta Sow. (Coll. 166. — Ins. Opara.) . . Pneum. II. p. 212.

1488. 218. **H. littoralis Montrouzier**. †

T. suborbicularis, subdepressa, sub lente striis incrementi et spiralibus confertis decussata, laete cornea, subrubescens, pellucida; anfr. 4 convexiusculi, ultimus subcarinatus, sutura leviter impressa; apertura obliqua, semiovalis; columella callo minuto, sulco distincto cincto munita; perist. subincrassatum et reflexum, margine dextro pallidiore, basali subverticaliter ascendente. — Diam. maj. 3, min. $2^1/_2$, alt. $1^3/_4$ mill. (Ex auctoris descriptione gallica.)

Helicina littoralis Montrouz. in Journ. Conch. VII. p. 287. t. 8. f. 2.

Habitat in insula Art Novae Caledoniae.

§. 22.

1489. 219. Moquiniana Recl. (Coll. 167. — Ins. Salomon.) . . . . Pneum. II. p. 213.

1490. 220. straminea Mor. (Coll. 168. — *H. exacuta Poey.* — Cuba.) . . . . - - - 213.

1491. 221. rubromarginata Gundl. (Coll. 169. — Cuba.) - - - 213.

1492. 222. **H. declivis Gundlach.**

T. convexo-conoidea, tenuiuscula, carinata, striata et oblique minute malleata, albido et rufo maculata et subfasciata; spira convexo-conica, acuminata; anfr. 5 convexiusculi, ultimus subacute carinatus, basi parum convexus; apertura fere diagonalis, triangulari-semiovalis; columella tenuis, brevissima, antice subdenticulata; callus basalis parvus, tenuis; perist. tenue, vix expansiusculum, margine basali cum columella angulum

acutum formante. — Operc. tenue, rubro-castaneum. — Diam. maj. $8^1/_2$, min. $7^1/_2$, alt. $5^1/_3$ mill. (Coll. Nr. 170.)

Helicina declivis Gundl. in litt.

— — *Pfr.* in Malak. Bl. VII. 1860 p. 24.

β. Paulo minor, spira elatiore

Habitat in parte orientali insulae Cubae. Prope Mata et in monte Yunque prope Baracoa legit *Gundlach.*

Obs. Species *H. Columbianae Phil.* non absimilis.

223. **H. alboviridis Wright.** 1493.

T trochiformis, solidula, striatula, nitidula, albido-virens, saepe fascia distincta viridi ornata; spira exacte conica, apice acuta; anfr. $6^1/_2$ vix convexiusculi, ultimus carinatus, basi convexus; columella breviter recedens, superne triangulatim dilatata, callum emittens vitreum; apertura obliqua, subtriangularis; perist. simplex, margine dextro anguste expanso, basali reflexiusculo. — Operc. tenue, virenti-flavum. — Diam. maj. 4, min. $3^1/_2$, alt. 4 mill. (Coll. Nr. 171.)

Helicina alboviridis Wright mss teste *Gundlach.*

— — *Pfr.* in Malak. Bl. XI. 1864. p. 108.

Habitat in parte occidentali insulae Cubae. In locis „Ysabel Maria" et „Vignales" legit *Wright.*

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224. trochiformis Sow. (Coll. 172. — Ins. Philippin.) . . . . Pneum. II. p. 214. 1494.

225. virens Pfr. (Habitat?) . . . . - - - 214. 1495.

226. fulgora Gould. (Ins. Sandwich.) . . . . . - - - 214. 1496.

227. turbinella Pfr. (Sidney?) . . . . - - - 214 1497.

§. 23.

228. Moreletiana Pfr. (Habitat?) . . . . - - - 215. 1498.

229. Ghiesbreghti Pfr. (Coll. 173. — Mexico.) . - - - 215. 1499.

230. Kieneri Pfr (Caraccas.) . . . . - - - 215. 1500.

231. **H. Fischeriana Montrouzier.** 1501.

T. depresso-turbinata, liris obtusis spiralibus, superne circa 7, sculpta, albido et luteo strigata et maculata; spira exacte conoidea, vertice acutiusculo; anfr. $5^1/_2$, superi convexiusculi, reliqui plani, ultimus acute carinatus, basi modice

convexus, confertius spiraliter striatus, medio callo albo circumscripto munitus; columella alba, breviter arcuata; apertura diagonalis, subtriangularis; perist. subcallosum, album, margine dextro expansiusculo, basali subreflexo, immediate in columellam continuato. — Diam. maj. 15, min. 12½, alt. 8½ mill. (Mus. Burdigalense.)

Helicina Fischeriana Montrouz. in Journ. Conch. XI. 1863. p. 76. 171. t. 5. f. 3.

Habitat in insula „Woodlark."

Obs. Statura et forma persimilis *H. Candeanae Sow.*, sed sculptura spirali distincta, peristomate ad carinam minus angulato, margine vix expansiusculo discrepans.

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1502. 232. caracolla Moric. (Coll. 174. — Brasilia.) . Pneum. II. p. 215

1503. 233. **H. Aruana Pfr.**

T. turbinato-depressa, solidula, carinata, superne oblique striata et subregulariter lirata, lutea, albido-variegata; spira conoidea, mucronulata; anfr. 4½ convexiusculi, ultimus infra carinam acutam rufo-fasciatus, subtus sublaevigatus; columella subtriangularis, nitida, callum emittens latiusculum; apertura diagonalis, triangularis; perist. tenue, vix expansiusculum. — Operc.? — Diam. maj. 11, min. 9½, alt. 6 mill. (Mus. Cuming.)

Helicina Aruana Pfr. in Proc. Zool. Soc. 1859. p. 29.

Habitat in insulis Aru.

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1504. 234. cinctella Shuttl. (Coll. 175. — Mexico.) . Pneum. II. p. 215.
1505. 235. suavis Pfr. (Ins. Admiralitatis.) . . . . . . - - - 216.
1506. 236. concentrica Pfr. (Coll. 176. — Venezuela.) - - - 216.
1507. 237. carinata Orb. (Bolivia.) . . . . - - - 216.
1508. 238. Merguiensis Pfr. (Birmania.) . . . . . . - - - 216.
1509. 239. striatula Pot. & Mich. † (Habitat?) . . . - - - 216.
1510. 240. Lundi Beck. (Coll. 177. — Brasilia.) . . . - - - 216.

§. 24.

1511. 241. Candeana Orb. (Coll. 178. — Caraccas.) . - - - 217.
1512. 242. agglutinans Sow. (Coll. 179. — Ins. Philippin.) . . . . - - - 217.
1513. 243. acutissima Sow. (Coll. 180. — Ins. Philippin.) - - - 217.
1514. 244. oxytropis Gray. (Habitat?) . . . . - - - 217.

245. acuta Pfr. (Ins. Philippin.) . . . . Pneum. II. p. 217. 1515.
246. Lazarus Sow. (Coll. 181. — Ins. Philippin.) - - - 217. 1516.

237. **H. Jagori Martens.** 1517.

T. turbinato-depressa, solida, carinata, oblique striata et sub lente subgranulata, opaca, rubescenti-fulvida; spira regulariter et breviter conoidea, acuminata; sutura leviter impressa: anfr. $4^1/_2$, superi plani, ultimus utrinque convexiusculus, medio subcompresse carinatus, antice breviter descendens; columella brevis, antrorsum subarcuata, basi tuberculo obsoleto munita, callum emittens tenuiusculum, subcircumscriptum; apertura perobliqua, subtriangularis; perist tenue, expansiusculum, margine supero stricto, basali leviter arcuato, cum tuberculo columellari angulum formante. - Operc.? — Diam. maj. 7, min. 6, alt. 4 mill. (Coll. Nr. 182.)

Helicina Jagori v. Martens mss.

Habitat in insula Java.

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248. albocincta Hombr. & Jacq. (Coll. 183. — 1518.
Ins. Arrow.) . . . . Pneum. II. p. 217.

§. 25.

249. unifasciata Gray. † (Habitat?) . . . . . - - - 218. 1519.

250. **H. Rosaliae Pfr.** 1520.

T. lenticularis, solida, acute carinata, oblique subtilissime striatula, lutescens; spira breviter conoideo-elevata; sutura linearis; anfr. $4^1/_2$ plani, non exserti, ultimus albo-carinatus, basi convexus, medio callo nitido, citrino, parvo, circumscripto munitus; columella brevissima, tuberculo minuto terminata; apertura perobliqua, subtriangularis; perist. callosum, album, margine supero vix expansiusculo, basali arcuato, reflexiusculo. — Diam. maj. 8, min. 6, alt. 4 mill. (Coll. Nr. 184.)

Helicina Rosaliae Pfr. in Journ. Conch. XI. 1863. p. 72. t. 2. f. 5.

Habitat in insulis Philippinis.

Obs. Species peraffinis nonnullis aliis insularem Philippinensium incolis, praesertim varietatibus minutis *H. acutissimae Sow.*, sed differt spira multo minus elata, anfractibus non exsertis, etc.

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1521 251. pallida Gould. † (Ins. Feejee.) . . . . . . Pneum. II. p. 218.
1522. 252. viridis Lam. † (Haiti?) . . . . - - - 218.
1523. 253. taeniata Quoy. † (Ins. Vanikoro.) . . . . . - - - 218.
1524. 254. Barbadensis Pfr. (Coll. 185. — Ins Barbadoes.) . . . . - - - 218.
1525. 255. Stanleyi Forb. † (Archip. Louisiad.) . . . - - - 218.
1526. 246. Nicobarica Phil. (Coll. 186. - Ins. Nicobar.) - - - 218.

1527. 257. **H. Andamanica Benson.** †

„Testa sublenticulari, solidiuscula, striis confertissimis sub lente decussata, rugis spiralibus obsoletis, subtus magis conspicuis, munita, albida, superficie citrina, linea peripherica rubente suturam sequente ornata; spira convexo-conoidea, apice obsolete mucronato, sutura lineari marginata; anfractibus 4½ planulatis, ultimo acute compresso-carinato, subtus convexiusculo; apertura obliqua, triangulari, albida, peristomate acuto, expansiusculo, margine columellari brevi, sinuato, callum semicircularem emittente, calli basi elevatiore, versus marginem aperturae obtuse angulato. — Operc. tenui, albido, medio obsolete granulato, intus lutescente — Diam. maj 9, min. 7½, axis 5 mill.“ (B.)

Helicina Andamanica Bens. in Ann. and Mag. nat. hist. 3 d. ser. VI. (Sept. 1860.) p. 194.

Habitat in insulis Andamanicis.

Obs. Species affinis *H. Nicobaricae Phil.*, sed major, nonnullis characteribus etiam ad *H. Merguiensem Pfr.* accedens.

1528. 258. **H. suturalis Martens.** †

„Testa lentiformis, laeviuscula, corneoflava vel rubescens, fascia ex albo et rubro articulata suturali et altera carinali picta; spira obtusa, anfr. 4 plani, ultimus acute carinatus, ad aperturam haud descendens; apertura perobliqua, triangularis; peristoma incrassatum, expansum. — Diam maj. 10, min. 8, alt. 6, apert. long. 4, lat. $3^1/_2$ mill. (v. M.)

Helicina suturalis Mart. in Monatsber. Berl. Ak. 25. Febr. 1864.

Habitat in insulis Amboina, Ceram et Buru.

§. 26.

1529. 259. rhodostoma Gray (Ins. Guadeloupe.) . . Pneum. II. p. 218.
1530. 260. bicolor Pfr. (Tahiti.) . . . . - - - 218.
1531. 261. spinifera Pfr. (Ins. Salomon.) . . . . . . - - - 218.

§. 27.

§. 28.

270. H. Salvini Tristram. 1540.

T. subgloboso-conica, oblique striatula, sub lente minute granulata, albida, fasciis 2 rubello-violaceis picta; spira conoidea, acutiuscula; anfr. 6 vix convexiusculi, ultimus convexior, medio subcarinatus; columella arcuata, antrorsum subtuberculata, callum emittens tenuem, circumscriptum; apertura perobliqua, semiovalis; perist. lutescens, expansum, medio in rostrum acuminatum productum. — Diam. maj. c. rostro fere 16, min. 13, alt. $10^{1}/_{2}$ mill. (Coll. Nr. 192.)

Helicina Salvini Tristram in Proc. Zool. Soc. p. 233. t. 26. f. 9. 10.
— — *Pfr.* in Malak. Bl. VIII. 1861. p. 174.
— — *Pfr.* Novit. conch. I. p. 202. Nr. 303. t. 53. f. 12—15.

Habitat Guatemala (O. Salvin).

Obs. Vix dubito, quin haec species sit eadem ac praecedens, sed cum illius specimen nullum viderim, testam distincte angulatam (subcarinatam) illi, in cujus descriptione istius characteris nulla fit mentio, jungere non audeo.

271. H. rhynchostoma Shuttleworth. 1541.

T. depresso-turbinata, solidula, carinata, oblique rugosa et minute striatula, liris spiralibus levibus sculpta, parum nitens, diaphana, lutea; spira concavo-conoidea, mucronulata; anfr. 5 planiusculi, ultimus non descendens, carina acuta, albida, utrinque rubro-marginata cinctus, basi convexior; columella brevissima, subnodosa, callum emittens parvulum, circumscriptum; apertura perobliqua, triangularis, intus ad carinam purpureofasciata; perist. intus subincrassatum, ad carinam rostratum, margine supero subrecto, sinuato, basali reflexo. — Operc.

solidulum, purpureum et flavum. — Diam. maj. 16, min. $12^2/_3$, alt. 8 mill. (Mus. Cuming.)

Helicina rhynchostoma Shuttl. in sched.

Habitat Campanera Columbiae, 3000′ supra mare.

1542. 272. **H. oxyrhyncha Crosse & Debeaux.** †

„T. depresso-conica, tenuiuscula, subdiaphana, pallide citrino-lutea; spira conica, apice obtusulo; anfr. $5^1/_4$ planiusculi, ultimus carina acuta, albicante cinctus, antice non descendens, basi convexiusculus; apertura perobliqua, subtriangularis; columella brevis, superne in callum basalem tenuem dilatata, basi continuo in peristoma tenue abiens; peristoma albidum, reflexum, ad basin tenue, medio in rostrum expansum, leviter aduncum, productum, deinde subflexuosum. — Operc.? — Diam. maj. cum rostro $14^1/_2$, min. 12, alt. $9^1/_2$ mill." (Cr.)

Helicina oxyrhyncha Crosse & Debeaux in Journ. Conch. 1863. 3e sér. III. p. 266. t. 9. f. 4.

Habitat . . . ?

Obs. Haec species antecedenti, cujus descriptionem ex speciminibus Musei Cumingiani (nescio an ab Auctore descriptis?) dedi, affinis esse, sed ratione dimensionum praecipue differre videtur.

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1543. 273. denticulata Pfr. (Coll. 193. — Honduras.) . Pneum. II. p. 208.

Species indescripta:

1544. *Helicina Mighelsi Adams, Jay* Catal 1850. p. 262.

Species fossilis?

1545. *Helicina dubia Lam.* Ann. Mus. V. p. 91.

Species mihi incognitae:

Helicina peruviana et *psorica Morelet* Séries conchyliol. 3e livr. 1863.

V. Schasicheila Shuttleworth.

Pfr. Mon. Pneum. Suppl. p. 220.

Species:

1. Nicoleti Shuttl. (Coll. 194. — Mexico.) . . Pneum. II. p. 220. 1546.
2. alata Menke. (Coll. 195. — Mexico.) . . . - - - 221. 1547.
3. ? pannucea Morelet. † (Guatemala.) . . . - - - 221. 1548.

4. **Sch. minuscula Pfr.** 1549.

T. globoso-conica, tenuis, sublaevigata, nitida, pellucida, fulva; spira conoidea, acutiuscula; anfr. 4 convexi, ultimus ventrosus, pone columellam excavatus, callosus; apertura parum obliqua, semiovalis; perist. simplex, tenue, rectum, marginibus lamina callosa junctis, dextro superne inciso, tum arcuatim procedente, columellari libero, substricto. — Operc.? — Diam. maj. $4^1/_2$, min. $3^2/_3$, alt. 3 mill. (Mus. Cuming.)

Helicina minuscula (*Schasicheila*) *Pfr.* in Proc. Zool. Soc. 1859. p. 29.

Habitat . . . ?

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5. **Sch. Bahamensis Pfr.** 1550.

T. depressa, tenuiuscula, ruguloso-striata, sub epidermide decidua seriatim setigera rufescens; spira vix elevata, vertice minuto; sutura impressa; anfr. $4^1/_2$ planiusculi, ultimus subdepressus, subtus medio callo tenui munitus; columella simplex, recedens, basi antrorsum in denticulum desinens; apertura fere diagonalis, subsemicircularis; perist. simplex, rectum, margine dextro superne inciso, tum angulatim producto, basali juxta denticulum columellae sinuato. — Operc. typicum. — — Diam. maj. $6^1/_2$, min. $5^2/_3$, alt. $3^1/_2$ mill. (Coll. Nr. 196.)

Schasicheila minuscula ? Bland Geogr. distrib. landsh. W. India islands p. 25. (Ann. Lyc. New-York VII. p. 351.)

— *Bahamensis Pfr.* in Malak. Bl. IX. 1862. p. 154.

Habitat New-Providence insularum Bahamensium (Bland).

Obs. Species testa depressa, fere planorboidea, a reliquis generis cognitis primo aspectu distinguenda.

VI. Alcadia Gray.

Pfr. Mon. Pneum. p. 404. Suppl. p. 222.

Species:

1551. 1. major Gray. (Coll. 197. — Jamaica.) . . . Pneum. II. p. 222.
1552. 2. hirsuta C. B. Adams. † (Jamaica.) . . . . - - - 222.
1553. 3. consanguinea C. B. Adams. † (Jamaica.) . - - - 222.

1554. 4. **A. microstoma C. B. Adams.**

T. semigloboso-conoidea, solidula, oblique conferte striatula et seriebus spiralibus punctorum piliferorum cincta, fuscula vel carnea, ad suturam pallidior; spira convexiusculo-conoidea, vertice subtili; anfr. fere 5 convexiusculi, ultimus antice descendens, basi subplanulatus, ad aperturam superne impressus; apertura perobliqua, subtriangularis, latere dextro dilatata et rotundata; callus basalis circumscriptus; columella brevis, dente extrorsum patente terminata; perist. album, margine supero flexuoso, ad dextram dilatato et sublate expanso, basali versus columellam sensim angustato et sinu brevi latiusculo ab ea separato. — Operc.? — Diam. maj. 16, min. 13, alt. 9—$9^1/_2$ mill. (Coll. Nr. 198.)

Helicina microstoma C. B. Adams.
Alcadia microstoma Pfr. Pneum. p. 406. Suppl. p. 222.
— — *Pfr.* Novit. conch. I. p. 230. Nr. 333. t. 59. f. 15—17.

Habitat in insula Jamaica.

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1555. 5. Gossei Pfr. (Jamaica.) . . . . Pneum. II. p. 222.
1556. 6. palliata C. B. Adams. (Coll. 199. — Jamaica.) - - - 222.
1557. 7. rhamphostyla Pfr. (Habitat?) . . . . - - - 222.
1558. 8. Brownei Gray. (Coll. 200. — Jamaica.) . . . - - - 222.
1559. 9. citrinolabris C. B. Adams. (Coll. 201. — Var.: *H. albolabris C. B. Ad.* — Jamaica.) . . - - - 222.
1560. 10. Hollandi C. B. Adams. (Coll. 202. — Jamaica.) - - - 222.
1561. 11. succinea Pfr. (Coll. 203. — Haiti.) . . . . - - - 223.
1562. 12. velutina Poey. (Coll. 204. — Cuba.) . . . . - - - 223.
1563. 13. dissimulans Poey. (Coll. 205. — Cuba.) . . - - - 223.

1564. 14. **A. gonostoma Gundlach.**

T. globuloso-depressa, tenuis, striatula et brevissime pilosiuscula, corneo-rufa; spira conoidea; anfr. $4^1/_2$ convexiusculi, ultimus callo columellari subcircumscripto munitus; apertura obliqua, late semiovalis; columella brevissima, alba, subtriangularis, in denticulum obtusum desinens; perist. tenue, breviter expansum, margine supero ad insertionem sinuato, tum de-

presso et angulatim producto, basali sinu semicirculari a columella separato. — Operc. tenue, rubellum. — Diam maj. $8^1/_3$, min. $6^3/_4$, alt. 5 mill. (Coll. Nr. 206.)

Helicina gonostoma Gundl. in Poey Memor. II. p. 87.

Alcadia gonostoma Pfr in Malak. Bl. V. 1858. p. 194.

Habitat in insula Cuba: San Juan de Letran prope Trinidad (Gundlach).

15. **A. incrustata Gundlach.** 1565.

T. conoideo-depressa, tenuiuscula, seriatim pilosa, rufula, tegumento nigricante obducta; spira breviter conoidea; anfr. 5 modice convexi, ultimus peripheria rotundatus, basi callo nitido, lato, subcircumscripto munitus; apertura fere diagonalis, semiovalis; columella subcompressa, antrorsum in denticulum terminata; perist. vix expansum, margine basali levissime arcuato, cum denticulo columellari sinum parvulum formante. — Operc. tenue, margaritaceum. — Diam. maj. 10, min. $8^1/_4$, min. $6^1/_3$ mill. (Coll. Nr. 207.)

Helicina incrustata Gundl. in litt.

Alcadia incrustata Pfr. in Malak. Bl. VI. 1859. p. 80.

Habitat in insula Cuba: Yateras in districto Guantanamensi (Gundlach).

16. **A. mammilla Weinland.** 1566.

T. conica, solidula, striatula, vix nitidula, albido et rufo varie marmorata et fasciata; spira convexo-conica, mucronulo pallido terminata; anfr. 5 convexiusculi, ultimus antice deflexus, basi subplanulatus; columella brevis, filaris, basi denticulo, terminata, callum emittens tenuem; apertura obliqua, subtriangulari-semiovalis; perist. tenue, margine dextro superne simplice, tum dilatato et expanso, basali sinu distincto a denticulo columellae separato. — Operc.? — Diam. maj. $7^1/_2$, min. $6^2/_3$, alt. $6^1/_2$ mill. (Coll. Nr. 208.)

Alcadia mammilla Weinl. in Malak. Bl. IX. 1862. p. 197. 201.

Habitat in insula Haiti.

Obs. Persimilis *Helicinae Reeveanae Pfr*, nec non (peristomatis formatione) *H. bellulae Gundl.*, tamen ob incisuram distinctam generi Alcadiae ab Auctore jure adscripta.

1567. 17 solitaria C. B. Adams. (Coll. 209. — Jamaica.) Pneum. II. p. 223.
1568. 18. dubiosa C. B. Adams. (Jamaica.) . . . . - - - 223.
1569. 19. megastoma C. B. Adams (Coll. 210. — Jamaica.) . . . . - - - 223.
1570. 20. macilenta C. B. Adams. (Jamaica.) . . . - - - 224.
1571. 21. rubella Pfr. (Coll. 211. — St. Thomas, St. Jan.) - - - 224.

1572. 22. **A. ? sericea Drouet.** †

„T. globuloso-trochiformis, infra laevis, nitida, supra striatula, tenuis, subtranslucida, sericea, corneo-rubescens; anfr. 5, ultimo dilatato; apertura hemisphaerica; perist. reflexum, candidum vel roseum, basi subsinuosum; operculum subopacum, solidum, griseum. — Diam. 6, alt. 5½ mill." (Dr.)

Helicina sericea Drouët Moll. terr. Guyane franç. p. 75. t. 2. f. 18—20.

Habitat prope Cayenne.

Obs. „Cette coquille n'appartiendrait-elle pas au genre *Alcadia* de Gray?" (Dr.)

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1573. 23. Gundlachi Pfr. (Coll. 212. — Cuba.) . . . Pneum. II. p. 224.
1574. 24. hispida Pfr. (Coll. 213. — Cuba.) . . . . - - - 224.
1575. 25. minima Orb. (Coll 214. — Malak. Bl. 1859. p. 80. — Cuba.) . . . . - - - 225.

1576. 26. **A. proxima Gundlach.**

T. conoideo-semiglobosa, tenuis, epidermide seriatim pilosa induta, cornea; spira conoidea, vertice acutiusculo; anfr. 4 vix convexiusculi; columella callosa, verticalis, callum emittens tenuem; apertura fere diagonalis, late semiovalis; perist. tenue, margine dextro expansiusculo, basali incisura brevi a columella separato. — Operc. tenue, corneum, appendiculatum. Diam. maj. 5, min. 4⅓, alt. 3⅓ mill. (Coll. Nr. 215.)

Helicina proxima Gundl., Poey., Memor. II. p. 6. nr. 362.

Alcadia proxima Pfr. in Malak. Bl. V. 1858. p. 49.

Habitat in insula Cuba: Buenavista prope Bayamo (Gundlach).

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1577. 27. capax Gundl. (Coll. 216. — Cuba.) . . . . . Pneum. II. p. 224.
1578. 28. pusilla C. B. Adams. † (Jamaica.) . . . . - - - 225.

Subfam. Georissea.

„Testa imperforata s. vix perforata, minima, conica, succinea vel rubella, plerumque spiraliter sulcata vel striata.

Operculum semiovale, sine ullo vestigio structurae spiralis, excentrice striatum, testaceum, transparens.

Animal parvum, lobis hemisphaericis in loco tentaculorum munitum. Oculi normales. Pes brevis, rotundatus.“ (Blanf.)

Georissinae (subfamilia Helicinidarum) *W. T. Blanford* in Ann. and Mag. nat. hist. Jun. 1864.

VII. Georissa W. T. Blanford.

Character subfamiliae:

Georissa (novum genus Georissinarum) *W. T. Blanf.* l. c.
Hydrocenae sp. *Bens.*, *Pfr.* Mon. Pneum.

Species:

1. Pyxis Bens. (Coll. 217. — *Georissa* [typus] *Blanf.* l. c. — *Hydrocena Bens.*, *Pfr.* — Birmania.) . . . . Pneum. II. p. 161. 1579.

2. **G. Frustrillum Benson.** 1580.

„T. imperforata, ovato-oblonga, solidiuscula, spiraliter confertissime tenuisulcata, succinea; spira subpyramidata, apice obtusiusculo, sutura impressa; anfr. 5 convexis, ultimo $^2/_5$ testae subaequante; apertura obliqua, truncato-ovata, superne necnon ad latus sinistrum angulata, peristomate tenui, non continuo, pariete calloso. — (Operc. praecedentis: Blanf.) — Long. $2^1/_2$, diam. $1^3/_4$ mill.“ (Bens. — Coll. Nr. 218.)

Hydrocena Frustrillum Bens. in Ann. and Mag. nat. hist. 3 d. ser. VI. (Sept. 1860.) p. 193.
Georissa frustillum W. T. Blanf. l. c.

Habitat in regno Ava (Oldham).

Obs. Differt a sequente spira non elongata, nec gracili, deficiente umbilico et aperturae forma.

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1581. 3. Illex Bens. † (*Georissa Blanf.* l. c. — *Hydrocena Bens.*, *Pfr.* Mon. — Birmania.) . . Pneum II. p. 161.

1582. 4. **G. Rawesiana Benson.** †

„T. imperforata, subgloboso-conica, solida, confertim spiraliter striata, luteo-albida; spira conica, apice obtuso, sutura profundiuscula; anfr. 4 valde convexis, ultimo spiram subaequante; apertura vix obliqua, semicirculari, superne et ad latus sinistrum angulata, peristomate tenui, margine parietali calloso, intus recto, stricto; loco umbilici subfoveato. — Operc. ? — Long. 2, diam. $1^1/_2$ mill." (Bens.)

Hydrocena Rawesiana Bens. in Ann and Mag. nat. hist. 3 d. ser. VI. (Sept. 1860.) p. 193.

Georissa Rawesiana W. T. Blanf. l. c.

Habitat prope Moulmein, ad cavernas „Farm Caves" dictas.

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1583. 5. sarrita Bens. † (*Georissa Blanf.* l. c. — *Hydrocena sarrita Bens.*, *Pfr.* Mon. — India.) Pneum. II. p. 161.

Obs. Cl. W. T. Blanford *Hydrocenam Milium* et *tersam Bens.* huic generi fortassis adnumerandas censet

Addenda.

1584. $1^1/_2$. **Cistula Jimenoi Arango.**

T. aperte umbilicata, globoso-turbinata, tenuiuscula, liris subacutis, confertis, inaequidistantibus sculpta, haud nitens, albida, seriebus spiralibus punctorum et macularum rufarum cincta; spira turbinata, integra, vertice minuto; anfr. $5^1/_2$ modice convexi, ultimus antice vix solutus; apertura vix obliqua, angulato-ovalis, intus nitida; perist. album, subduplicatum, limbo externo latiuscule expanso, radiato-plicato, ad anfr. contiguum exciso. — Operc. *Cist. catenatae.* — Long 15, diam. 10 mill. Ap. intus $6^1/_2$ mill. longa, $5^2/_3$ lata. (Coll. Nr. 543.)

Cyclostoma Jimenoi Arango, Gundl. in litt.

Cistula Jimenoi Pfr. in Malak. Bl. XI. 1864. p. 160.

β. Minor, unicolor fulvida.

Habitat Canasí in parte septentrionali insulae Cubae (Arango).

Obs. Species *C. catenatae Gould* peraffinis, spira regulariter turbinata (non subinflata, sicut in illa), sculptura et peristomatis formatione bene distincta.

3½. Licina ? percrassa Wright. 1585

T. subcompresse umbilicata, solida, ponderosa, ovato-turrita, truncata, liris spiralibus subaequidistantibus sculpta, striisque tenuibus (nonnullis prominentioribus, costaeformibus) subdecussata, violaceo-fusca; spira subregulariter turrita, sursum nigricanti-violacea, breviter truncata; sutura profunda, simplex; anfr. superst. 4 convexi, ultimus sublonge solutus, dorso carinatus, juxta carinam perforatione punctiformi signatus, circa umbilicum confertius liratus; apertura subverticalis, angulato-ovalis; perist. crassum, superne canaliculatum, duplex: internum expansum, adnatum, externum late expansum, concentrice striatum, latere sinistro substricte abscissum. — Operc. ? — Long. 40, diam. 21 mill. Ap. intus 14 mill. longa, 11 lata, cum perist. 20 longa, 15 lata. (Coll. Nr. 544.)

Cyclostoma percrassum Wright mss., *Gundl.* in litt.

Licina ? percrassa Pfr. in Malak. Bl. XI. 1864. p. 157.

Habitat „Luis Lazo, Vuelta abajo“ in parte occidentali insulae Cubae (Wright).

Obs. Species eximia, deficiente operculi cognitione generi Licinae (serius verosimiliter omnino delendo) provisorie adscripta, ex analogia aperturae et peristomatis Chondropomatis speciebus nonnullis proxime affinis forsan habenda. Conferantur, quae de genere Licina loco citato exposui.

14½. Hydrocena fragilis Pease. † 1586.

Testa ovato-conica, tenuis, levis, turrita, perforata, pallide cornea fasciis angustis rufis, interdum interruptis, vel maculis et flammis longitudinalibus rufis picta; anfr. 6—7, convexi, ultimus medio leviter angulatus; apertura ovalis; labrum externum tenue, simplex; umbilici introitus canalem excavatum offerens; labium leviter reflexum. (Ex descriptione anglica. Dimensiones desiderantur!)

Hydrocena fragilis Pease in Proc. Zool. Soc. 1860. p. 439.

Habitat in insula Ebon „Marshall's group.“

Corrigatur:

Pag. 221. nr. 1315 pro *Helicina reticulata* lege: *articulata Pfr*

Errore omissa:

Pag. 224 in §. 19. Helicinae

179½. *Idae Pfr.* (Ceram.) . . . . Pneum. II. p. 206.

Index

generum, specierum et synonymorum.

(Numeri nomini immediate postpositi synonyma saepe in textu non commemorata indicant specierum eodem numero marginali signatarum.)